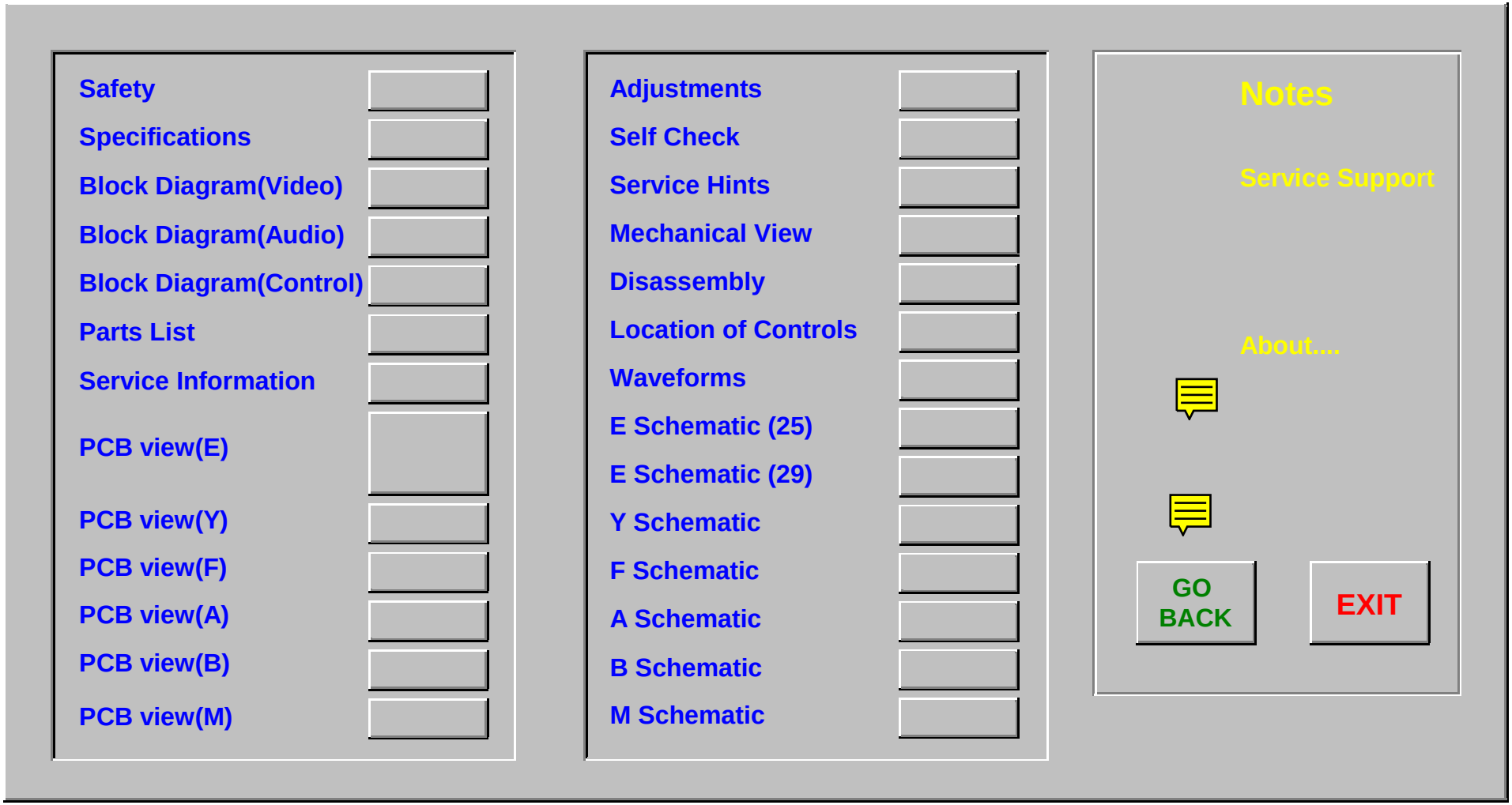
Service Manual

Colour Television EURO 2 Chassis

TX-25AD1D TX-29AD1D



Service Manual

TELEVISORE A COLORI

TX-29AD1D
TX-25AD1D
TELAIO N. EURO2S

Caratteristiche

(I numeri tra parentesi si riferiscono al modello TX-25AD1D)

Alimentazione : 220-240V AC 50Hz

Consumo : 110W (100W)

Impedenza dell' antenna : 75W non bilanciata

Sistema di Ricezione: CCIR 625 Linee
PAL B,G D,K PAL-60
SECAM B,G,D,K.

Canali Ricezione:
VHF E2 - E12
VHF H1 - H2 (ITALY)
VHF A - H (ITALY)
VHF R1 - R2
VHF R3 - R5
VHF R6 - R12
UHF E21 - E69
CATV (S01 - S05)
CATV S1 - S10 (M1 - M10)
CATV S11 - S20 (U1 - U10)
CATV S21 - S41 (HYPERBAND)

Frequenze intermedie :

Video	38.9MHz 34.2MHz
Audio	33.5MHz,33.4MHz 32.4MHz,40.7MHz
Colore	35.07MHz,34.47MHz,34.5MHz (34.65MHz)38.6MHz(38.45)MHz

Video / Audio Prese :

AV1 INGRESSO	Video (21 pin) Audio (21 pin) RGB (21 pin)	1 Vp-p 75W 500mV rms,10kW
AV1 OUT	Video (21 pin) Audio (21 pin)	1 Vp-p 75W 500mV rms, 1kW
AV2 INGRESSO	Video (21 pin) Audio (21 pin) S-Video IN (21 pin)	1 Vp-p 75W 500mV rms,10 kW Y : 1 Vp-p 75W C : 0.3 Vp-p 75W
AV2 USCITA	Video (21 pin) Audio (21 pin) Uscita Selezionabile (21 pin)	1 Vp-p 75W 500mV rms, 1kW
AV3 INGRESSO	S-Video IN (4-pin) Audio (RCA x 2) Video (RCA x 1)	Y : 1 Vp-p 75W C : 0.3 Vp-p 75W 500mV rms,10kW 1 Vp-p 75W

Tensione all' anodo : 31kV _1kV

Tubo catodico : 72cmV(63 cmV)
110° Misurato diagonalmente.

Potenza audio :

Altoparlanti interni	2 x 20 W (Musicali) 8W Impedenza
Cuffia	1 x 8 W Impedenza

Accessori : Telecomando
R6 (UM3) Batterie

Dimensioni :

Altezza :	551mm (504mm)
Larghezza :	668mm (606mm)
Profondità :	467mm (448mm)

Peso netto 41kg (30kg)

Le caratteristiche possono variare senza preavviso.
Peso e dimensioni sono approssimate.

NOTA : Questo manuale di servizio deve essere usato in congiunzione con la guida tecnica del telaio EURO-2S.

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NORME DI SICUREZZA

Precauzioni

1. E' Consigliabile utilizzare un trasformatore di isolamento prima di eseguire ogni intervento sul telaio.
2. Durante l'assistenza, verificare lo stato dei conduttori specialmente nei circuiti ad alta tensione. In caso di corto circuito, sostituire tutti le parti surriscaldate o danneggiate.
3. Dopo l'assistenza, assicurarsi che tutti gli accorgimenti di protezione (isolatori, schermi, isolatore R-C, ecc) siano correttamente istallati.
4. Quando il televisore non viene utilizzato per lunghi periodi, scollegarlo della rete.
5. Alta tensione (32.0kV) è presente quando il televisore é in funzione. Utilizare il televisore senza il pannello posteriore comporta il pericolo di scosse elettriche dai circuti di alimentazione. L'assistenza deve essere eseguita solo da personale specializzato a conoscenza delle necessarie precauzioni da adottare. Prima di intervenire sul cinescopio, scaricare a massa l'anodo dello stesso.
6. Dopo l'assistenza assicurarsi di eseguire le seguenti prove di dispersione per prevenire rischi di scossa elettrica all'utente.

Controllo a freddo di dispersione

1. Disinserire il cavo di alimentazione e cortocircuitare i due terminali
2. Azionare l'interruttore di accensione.
3. Collegare uno strumento per la misure di resistenza con segur : un puntale sulla spina del cavo di alimentazione e l'altro sul telaio del televisore o su una parte metallica (ad esempio viti) collegate telaio. Se la parte metallica ha un collegamento col telaio la lettura dovrà essere compresa tra i valori 4MW e 20MW ; se la parte metallica non ha un collegamento con il telaio la lettura dovrà essere.

Controllo a caldo di dispersione

1. Inserire la spina nella presa di corrente. Non usare un transformatore di isolamento per questo controllo.
2. Collagare una resistenza da 2KW 10W in serie con una parte metallica esterna del televisore e con un punto di terra (esempio: tubi dell'acqua).
3. Utilizzare un voltmetro AC con sensibilità 1000W/Volt o più per misurare il potenziale ai capi della resistenza.
4. Verificare ogni parte metallica esterna misurando la tensione ogni volta.
5. Invertire la presa AC di alimentazione e ripetere le misure precedenti.
6. Il potenziale in ogni punto non deve superare 1.4V RMS; in caso superi questo valore, c'é pericolo di scossa eletrica e il televisore deve essere riparato e controllata prima di essere riconsegnato al proprietario.

Esempio di collegamento per la disper sione a caldo

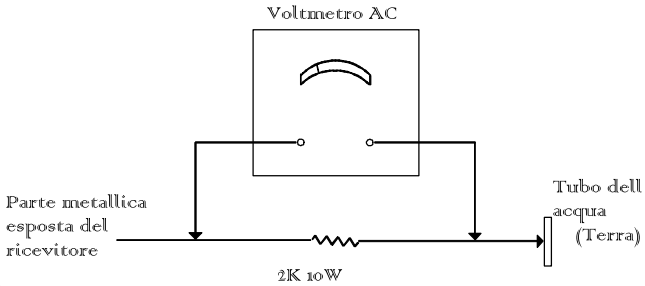


Fig.1

Radiazioni raggi X

Precauzioni :

1. La sezione ad alta tensione e il cinescopio sono sorgenti di raggi X.
2. In caso di utilizzo di una sonda per alta tensione, assicurarsi che la stessa sopporti 32.0kVsenza pericolo di emissione di raggi.

NOTA : E'importante verificare periodicamente la funzionalita del misuratore di tensione.

1. Regolare la luminosità al minimo.
2. Misurare l'alta tensione. La lettura dovrà essere 31kV _1kV, (se è necessario un immediato intervento tecnico per prevenire danni.
3. Per prevenire la possibilità di emmissione di raggi X, é indispensabile utilizzare il cinescopio specificato.

UBICAZIONE DEI CONTROLLI

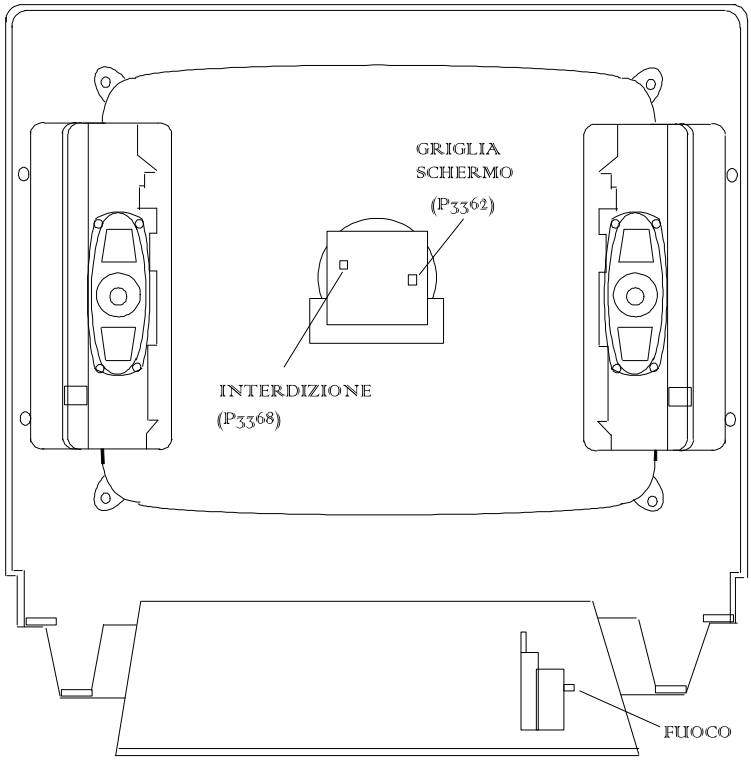


Fig.2

Consigli per l'assistenza

Come rimuovere il pannello posteriore

1. Rimuovere le 8 viti (A) come indicato in Fig.3

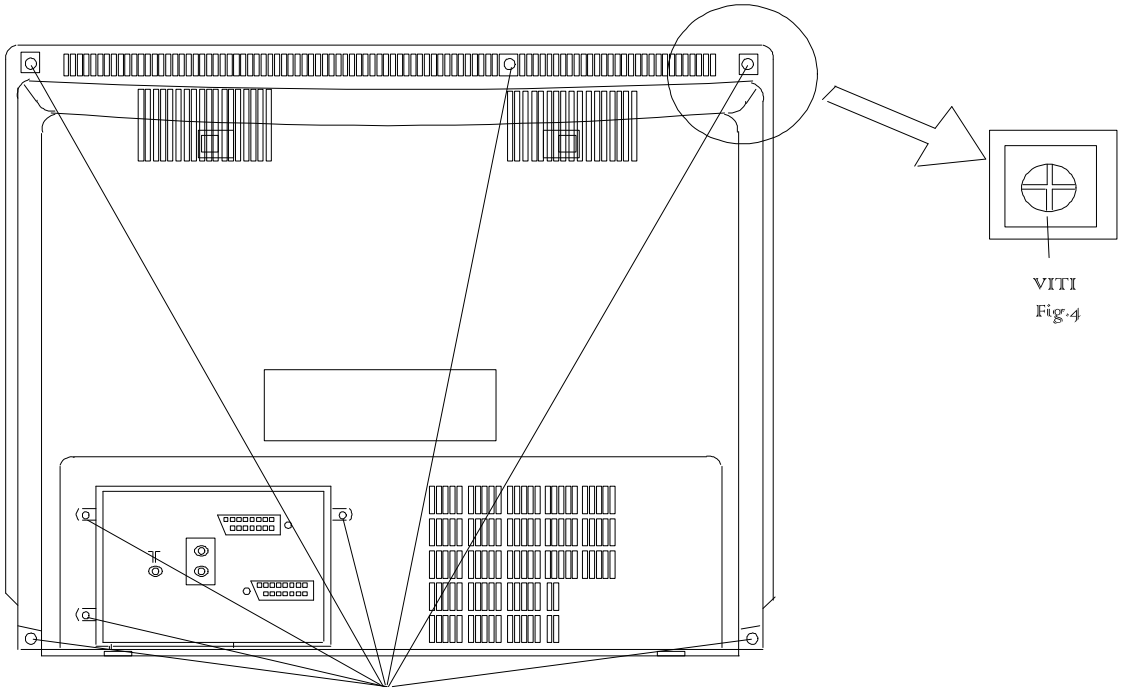


Fig.4

Fig.3.

COME PORRE IL TELAIO NELLA POSIZIONE DI SERVIZIO

1. Sfilare e sollevare il telaio, 'SCHEDA-E' come illustrato in Fig.5.
2. Rilasciare dalle relative clip i cavi, e ruotare il telaio di 90_ in anti-orario, come illustrato in Fig.6.
3. Mettere il gancio (D) del telaio nel gancio di supporto come illustrato in Fig.7.
4. Dopo la riparazione prima di restitiure l'apparecchio all'utente, accertarsi di aver posizionato il cablaggio de i fili nella posizione originale..

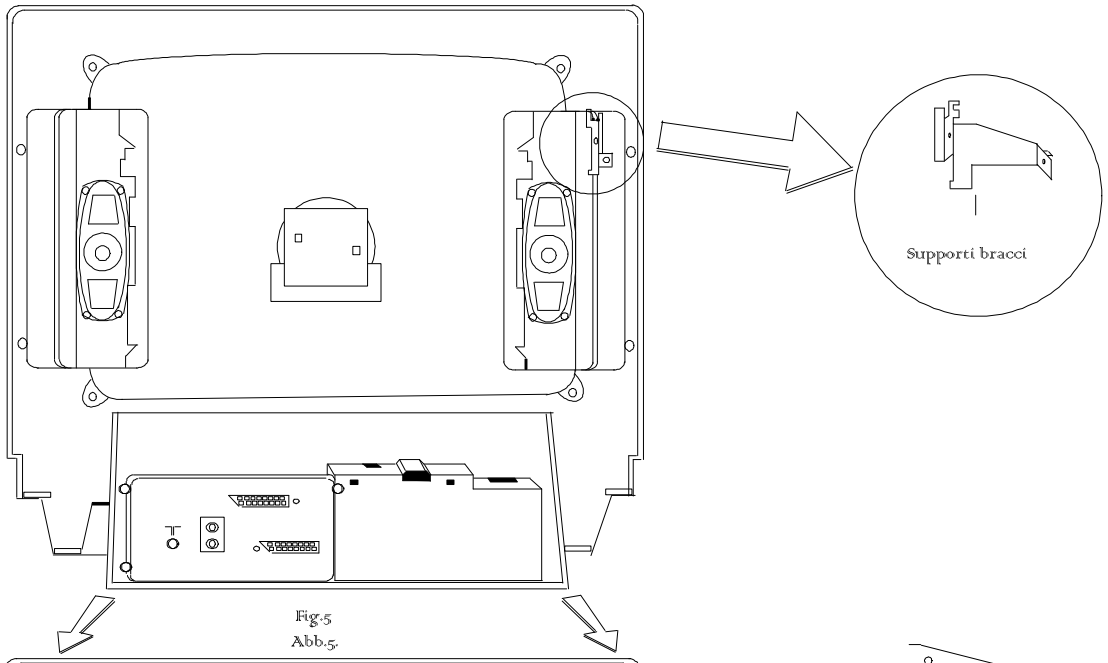


Fig.5
Abb.5.

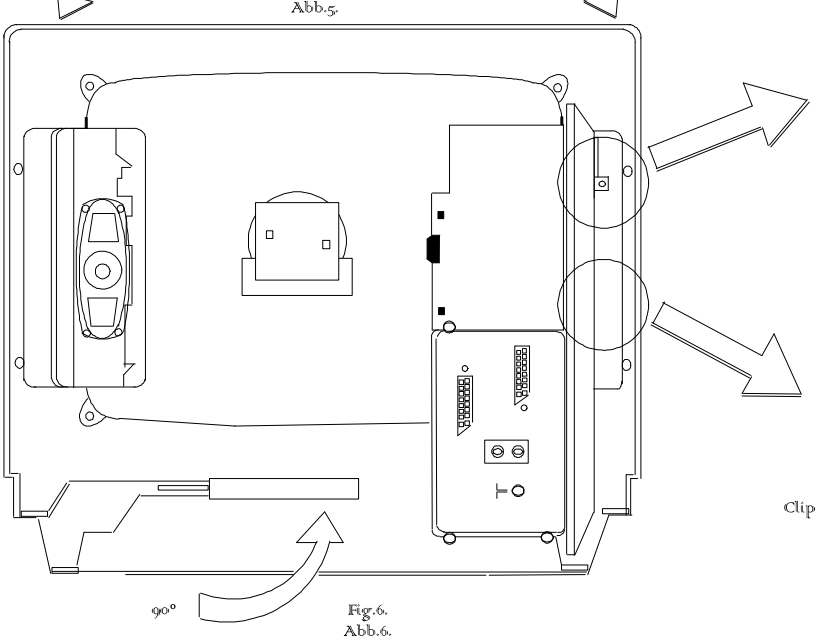


Fig.6.
Abb.6.

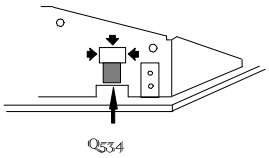
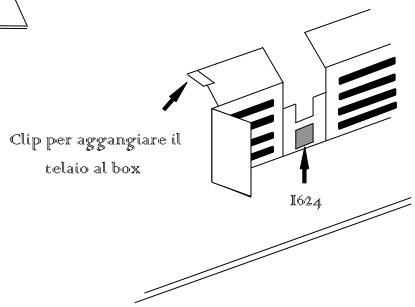


Fig.7.
Abb.7.



COME RIMUOVERE IL PANNELLO CONTROLLI (SCHEDA - M)

1. Sfilare e sollevare il telaio, 'SCHEDA-E'
2. Posizionare in verticale la scheda - M, sollevando le clip di plastica.
3. Dopo la riparazione prima di restituire l'apparecchio all'utente, accertarsi di aver posizionato il cablaggio dei fili nella posizione originale.

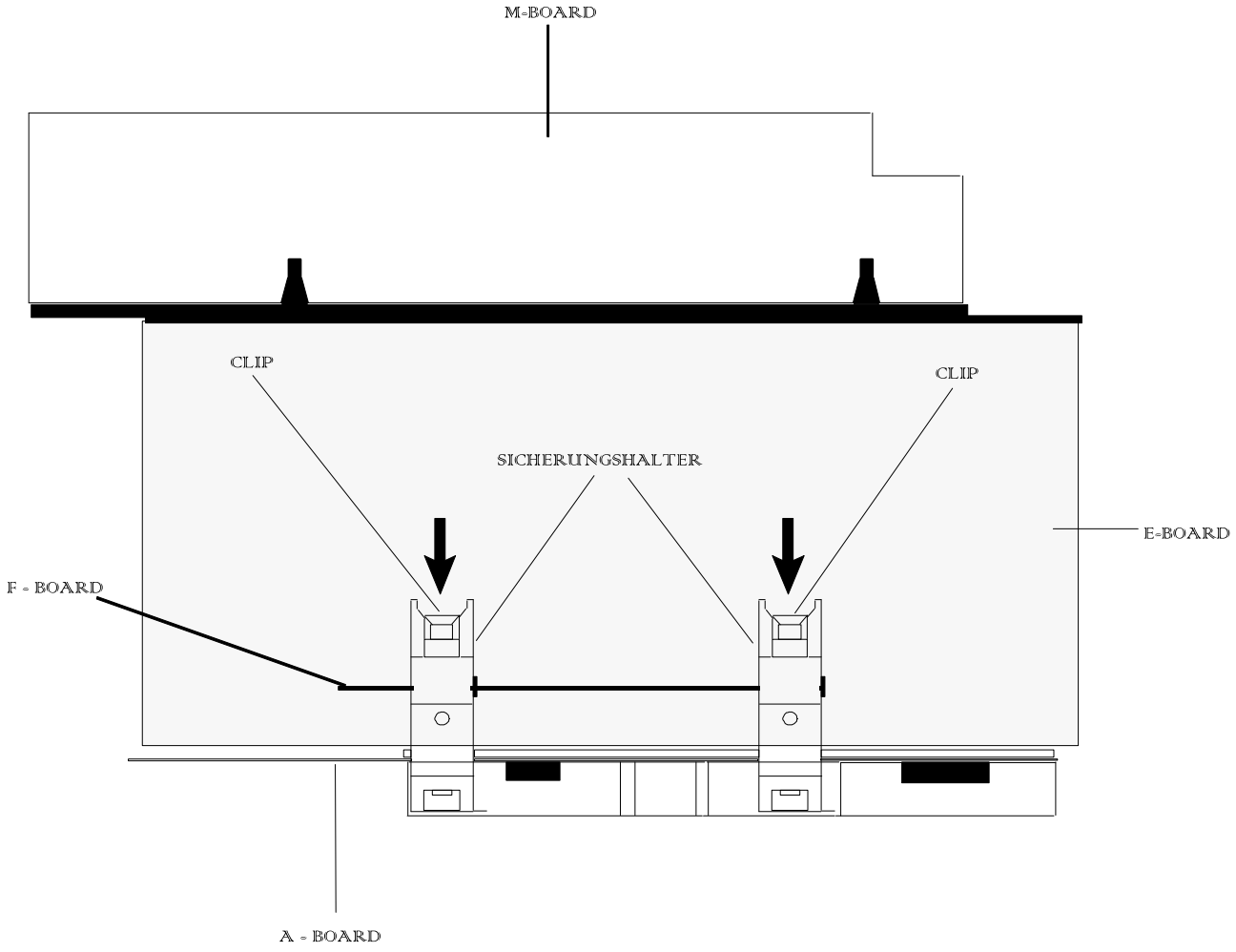


Fig.8
Abb.8

COME RIMUOVERE LA SCHEDA - A (DIGITALE)

1. Scollegare i 5 connettori dalla scheda - A
2. Per rimuovere le scheda - F ed A, premere le due clip come in Fig.6., rimuovere la scheda digitale (A), sollevandola gentilmente in senso verticale.
3. Dopo la riparazione prima di restituire l'apparecchio all'utente, accertarsi di aver posizionato il cablaggio dei fili nella posizione originale.

POSIZIONE DI SERVIZIO DELLA SCHEDA 'A'

1. Rimuovere la SCHEDA-A dal telaio (SCHEDA-E), assicurandosi di scollegare tutti i cavi.
2. Rimuovere le due viti (A) (Fig.9) dal pannello AV di plastica, e premendo le levette di plastica togliere il pannello AV dalla SCHEDA-A.
3. Sbloccare con cautela le tre clip metalliche "B", vedi Fig.9.
4. Sfilare lo schermo frontale dalla scheda - A (Fig.10.)
5. Fissare i cavi di estensione alla SCHEDA-A, facendo attenzione che non tocchi il telaio (Fig.11).
6. Dopo la riparazione prima di restituire l'apparecchio al cliente, accertarsi di aver posizionato il cablaggio dei fili nella posizione original.

NOTA : Il kit dei cavi di estensione è fornito come kit di servizio : codice TZS4EP001.

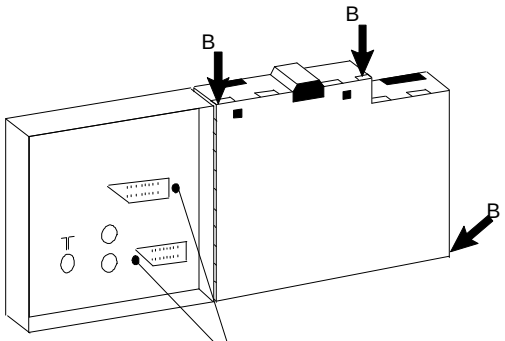


Fig. 9

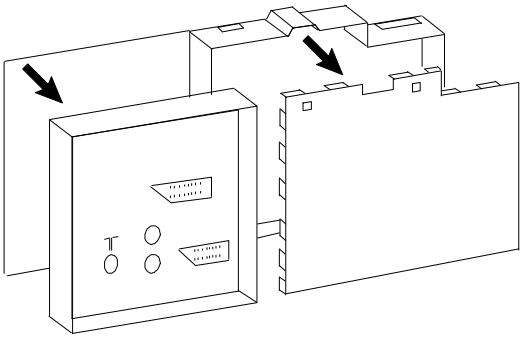


Fig. 10

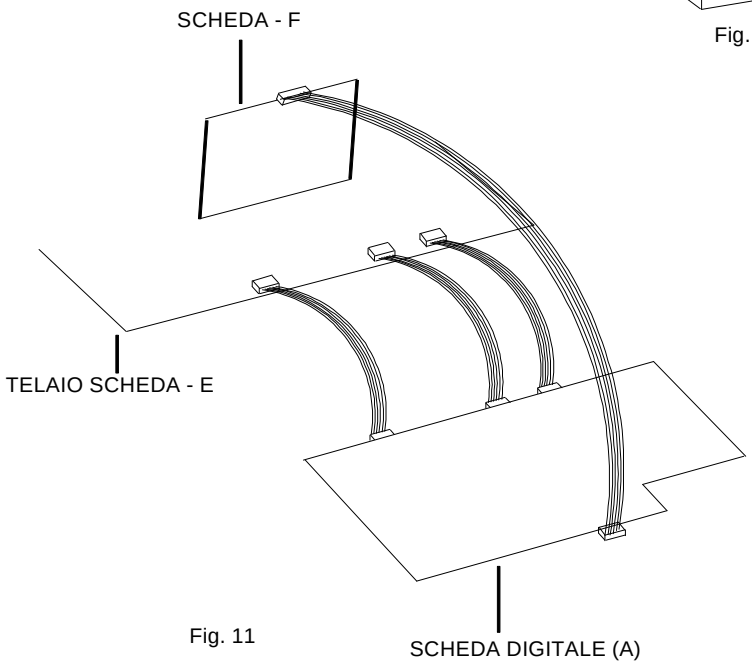


Fig. 11

TX-29AD1D
TX-25AD1D

Service Mode

Il telecomando serve anche per impostare e memorizzare le regolazoni con l'eccezione della regolazione di cut-off che deve essere sempre fatta precedentemente alle regolazioni di servizio.
Eseguire le regolazioni in accordo con il display sullo schermo. Il display sullo schermo mostra le variazioni approssimative della CCU.

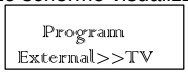
1. Regolare i toni bassi nella massima posizione, regolare i toni alti nella minima posizione, premere il tasto volume meno sulla testiera del TV, e nello stesso tempo premere il tasto "REVEAL" sul telecomando. Questo predisporra 'il TV nel "SERVICE MODE 1"
2. Premere i tasti ROSSO o VERDE per selezionare le Funzioni.
3. Premere i tasti GIALLO o BLU per modificare i valori
4. Premere i tasto "STR" sulla tastiera del TV per memorizzare la regolazione eseguita.
5. Per uscire dal service mode occorre premere il tasto " N " sul telecomando.

NOTA: Questo TV ha l'opzione per utilizzare la "MEMORY PACK", che vi permette di trasferire i canali sintonizzati nel TV e viceversa. La "MEMORY PACK" si puo ' utilizzare solo con il telaio "EURO-2".

Come usare la Memory Pack

Procedura da TV a unita' di memoria

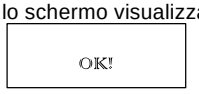
1. Inserire l'unita ' di memoria nella presa a 21pin. Inferiore a tergo del TV,ed accendere il TV. Se i televisore e'provvisto di una sola presa a 21pin., Utilzzare questa presa per l'unita'di memoria.
2. Entare nel service mode come da spiegazione sopra riportata. Lo schermo visualizzera':-



3. Premere il tasto BLU sul telecomando; lo schermo TV visualizza:-

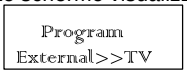
4. Premere il tasto STORE (archivio) sul TV; lo schermo TV visualizza:-

5. Tutti i dati di sintonia archiviati nel TV vengono trasferiti nell 'unita di memoria. Questa procedura richiede 2-3 minuti, ed al termine lo schermo visualizza:-



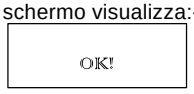
Procedura da unita' di memoria a TV

1. Inserire l'unita ' di memoria nella presa a 21pin. Inferiore a tergo del TV,ed accendere il TV. Se i televisore e'provvisto di una sola presa a 21pin., Utilzzare questa presa per l'unita'di memoria.
2. Entare nel service mode come da spiegazione sopra riportata. Lo schermo visualizzera':-



3. Premere il tasto STORE (archivio) sul TV; lo schermo TV visualizza:-

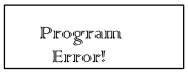
4. Tutti i dati di sintonia archiviati nel 'unita' di memoria vengono copiati nell 'TV' . Questa procedura richiede 2-3 minuti, ed al termine lo schermo visualizza:-



5. I dati di sintonizzazione prelevati dal 'unita' di memoria sono stati copiati nel TV.
6. Per uscire dal service mode occorre premere il tasto " N " sul telecomando.
7. La procedura e' terminata; rimuovere l'unita' di memoria.

Errori

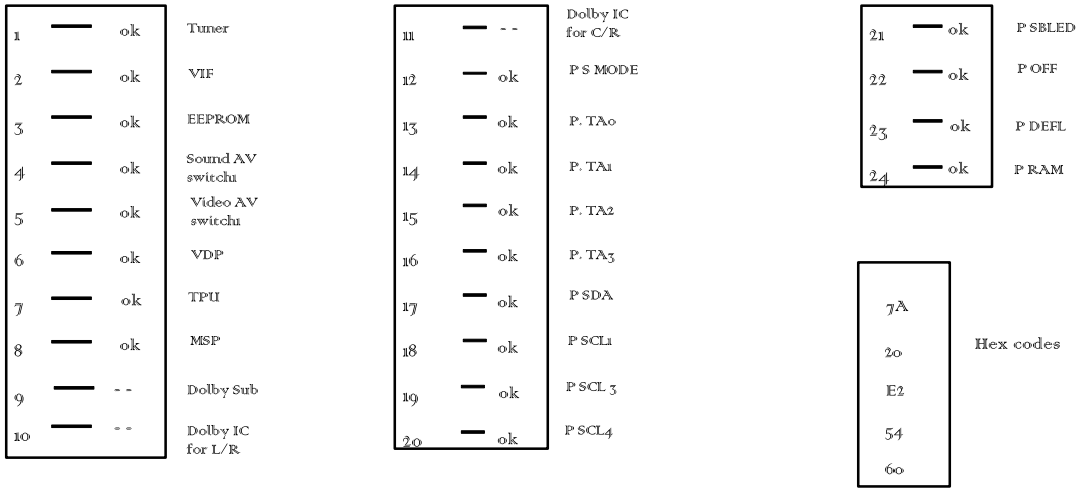
Se usando la "MEMORY PACK" avviene un errore il TV lo rilevera' e sullo schermo apparira' la scritta:-



Se questo succede, spegnere il TV e poi ripetere l'operazione . Se si ripete l'errore controllare i collegamenti e la batteria da 9Volt. Nella "MEMORY PACK".

SELF CHECK

Il "SELF CHECK" e'usato per testare automaticamente le linee "BUS" ed il codice esadecimale del TV Pre entrare nel modo "SELF CHECK", premere il tasto volume meno sulla tastiera del TV, e contemporaneamente il tasto "STATUS" sul telecomando; sullo schermo apparira 'la seguente lista:-



Se uno degli ingressi/uscite della "CCU" e' riconosciuta come incorretta, sullo schermo apparira' " - - " invece di "OK".

PROCEDURA DI TARATURA

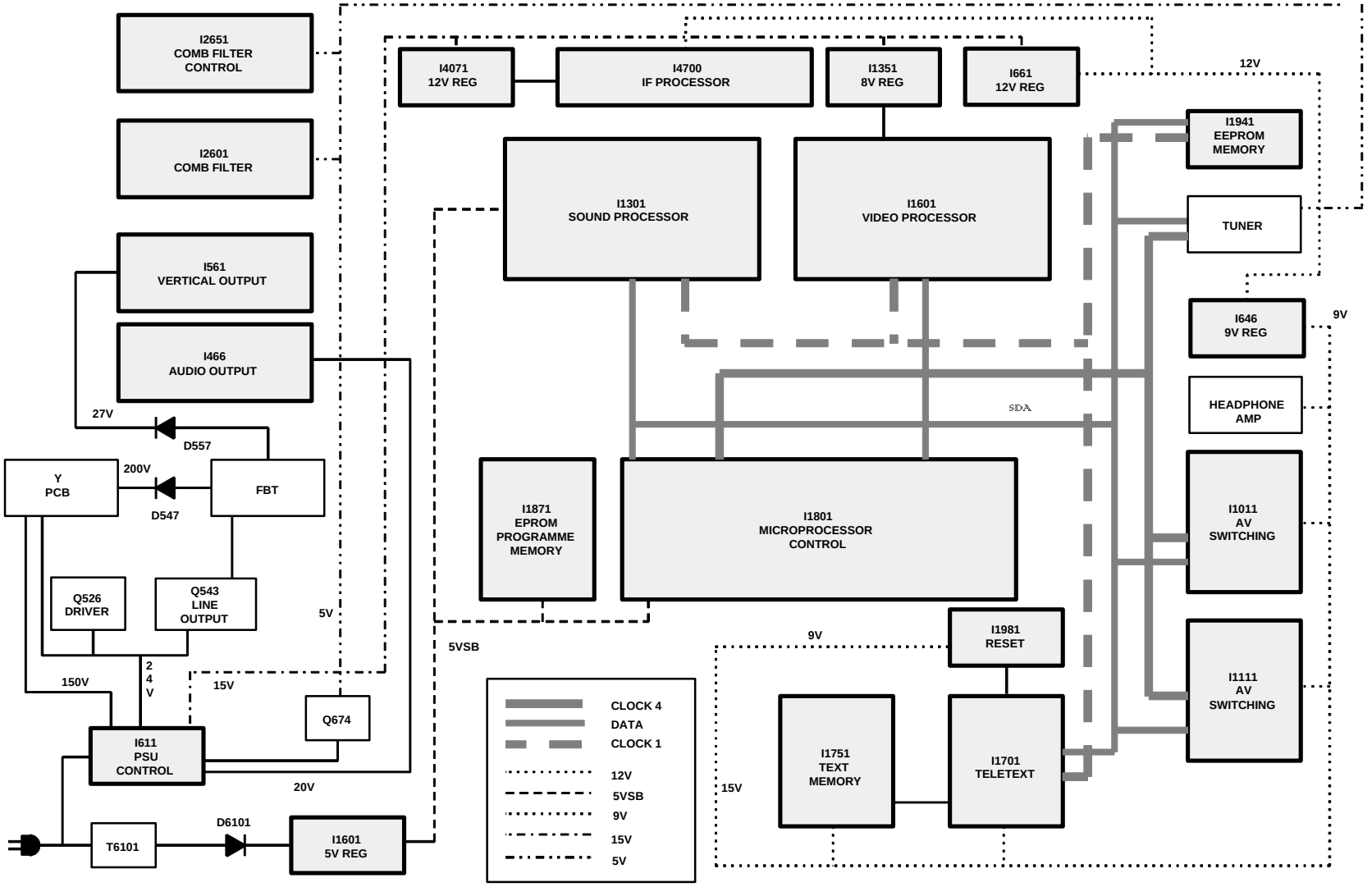
Allineamento	Segnale	Premesse	Regolazione	Misure
Tensione d'esercizio	Immag. di prova	230 V AC 50Hz corrente del fascio	Posizione P633	Regolare il trimmer P663, per ottenenere +147V sul catodo del diodo D651.
Fuoco	Immag. di prova		Fuoco su trasformatore riga	Posizione ottimale
RF AGC	Collegare un generatore di barre pal.	Collega un oscilloscopio su Tuner AGC	Regolare P4701 in senso-orario.	Girare lentamente P4701 in sens anti-orario, Fissare P4701 quand tensione di RF AGC scende di 0. dal massimo.
Regolazione del COMB FILTER	Collegare un generatore di barre pal.	Controllare che il segnale video in ingresso al pin 4 del connettore W2601 sia di 1Vpp	Regolare tramite il trimmer P2601	Regolare P2601 per ottenere 2V al test point TPF1.

TX-29AD1D
TX-25AD1D

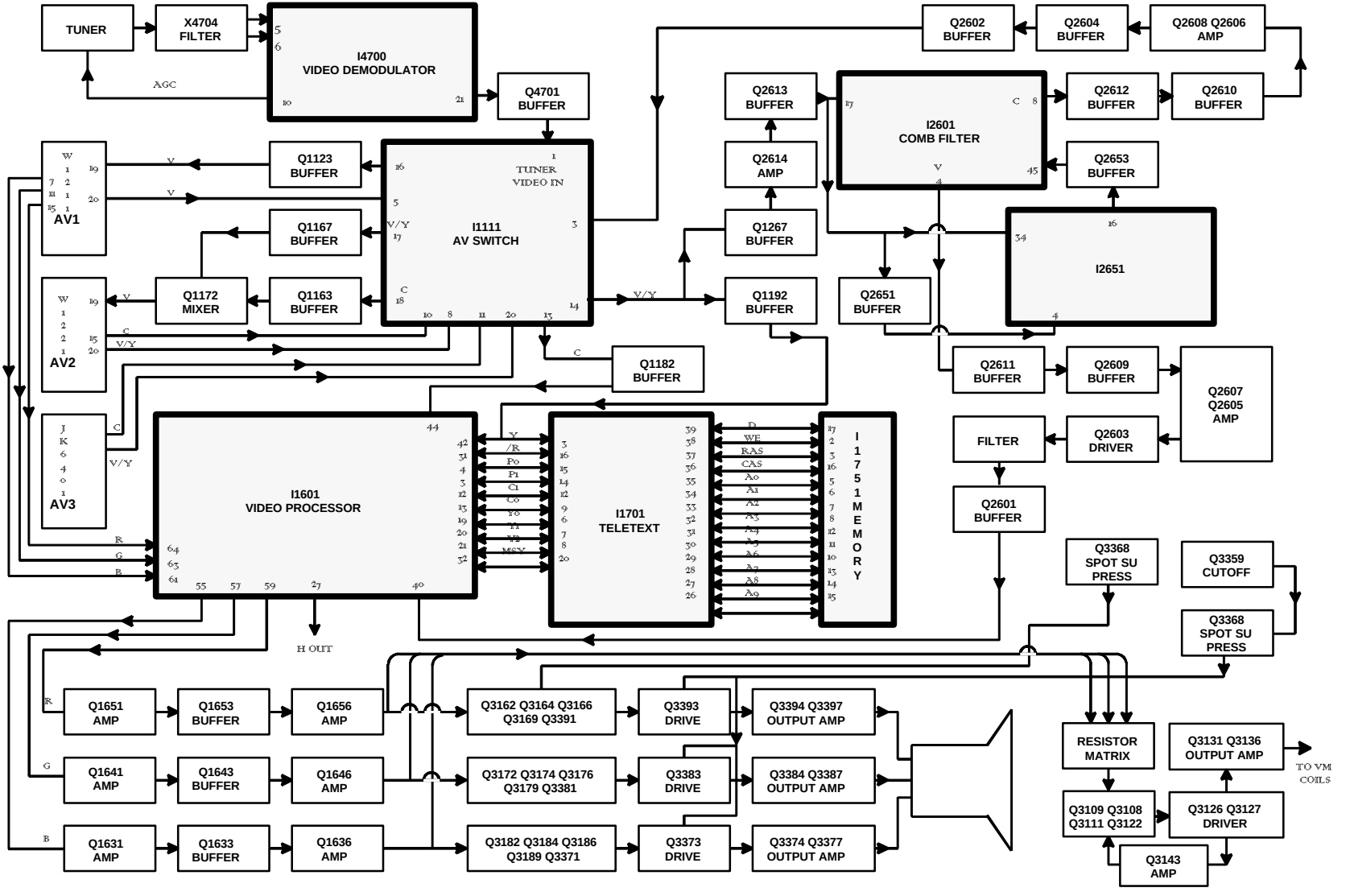
VALORI DI ALLINEAMENTO, ESEMPI:

Funzione di compensazione	TX-29AD1D	TX-25AD1D	Particcolarita della posizionatura /Valori di pos.
1. Ampiezza vert	V-AMP 051	V-AMP 063	Posizione ottimale
2. Simmetria verticale	V-SYM 013	V-SYM 002	Posizione ottimale
3. Linearita vert	V-LIN 012	V-LIN -020	Posizione ottimale
4. Vert DC	Vert. D.C. 000	Vert. D.C. 000	Posizione ottimale
5. Posizione verticale	V. Pos 003	V. Pos 005	Posizione ottimale
6. Ampiezza orrizz	H-AMP -033	H-AMP -044	Posizione ottimale
7. posizione orrizz	H-POS 049	H-POS 069	Posizione ottimale
8. Text Position	TEXT POSITION 045	TEXT POSITION 049	Posizione ottimale
9. EO-ampiezza	E-W AMP1 -058	E-W AMP1 -058	Posizione ottimale
10. EO-ampiezza	E-W AMP2 023	E-W AMP2 044	Posizione ottimale
11. Correz-trapezoidale	TRAPEZ-1 -014	TRAPEZ-1 -000	Posizione ottimale
12. Correz-trapezoidale	TRAPEZ-2 012	TRAPEZ-2 -009	Posizione ottimale
13. Osz del sottoportante colore	COLOUR VCO 015	COLOUR VCO 006	Posizione ottimale
14. Cut - off DC	CUT-OFF DC 050	CUT-OFF DC 050	Non regolare
15. Ug2 Test	Ug2 Test 107 021 023	Ug2 Test 94 044 020	Per effetuare le regolazione dello screen (Ug2 Test) occorre regolare P3362 fino a che' uno dei colori raggiunga il valore di 25 ± 5, porre la sonda dell' oscilloscopio sul catodo che ha fornito il valore piu' alto, e regolare P3368 in modo da misurare 160V 0-p (170V 0-p per i TX-25AD1D),poi regolare P3362 fino a che il piu' alto valore visualizzato sullo schermo del TV scriva 050 ± 010
16. Cutoff	Cutoff 045 055 050	Cutoff 057 064 056	Premere il tasto Verde per passare ad altre regolazioni. Regolare per la posizione ottimale.
17. White	White 224 255 237	White 200 255 248	Premere il tasto Verde per passare ad altre regolazioni. Regolare per la posizione ottimale.

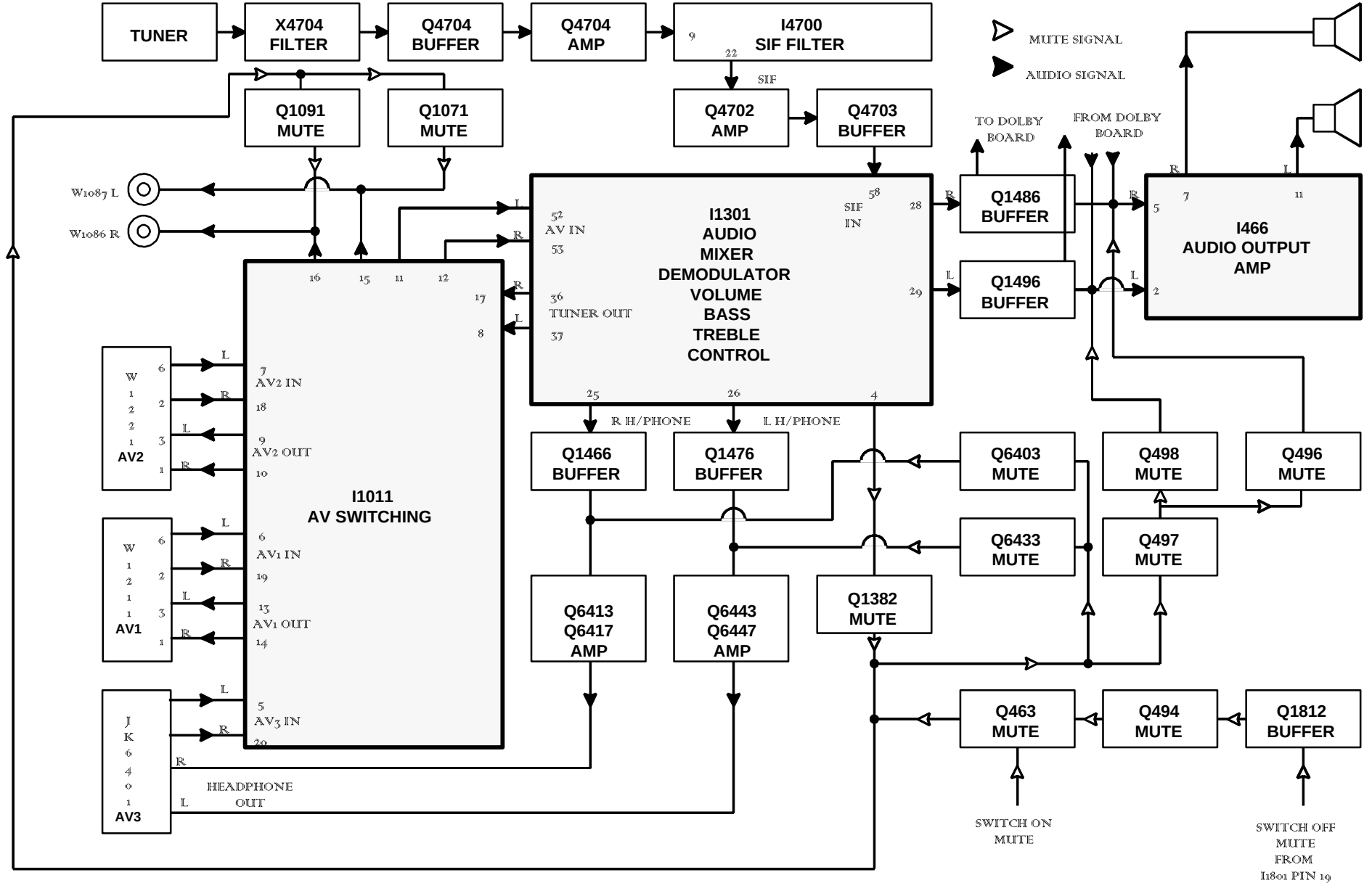
POWER SUPPLY AND CONTROL BLOCK DIAGRAM



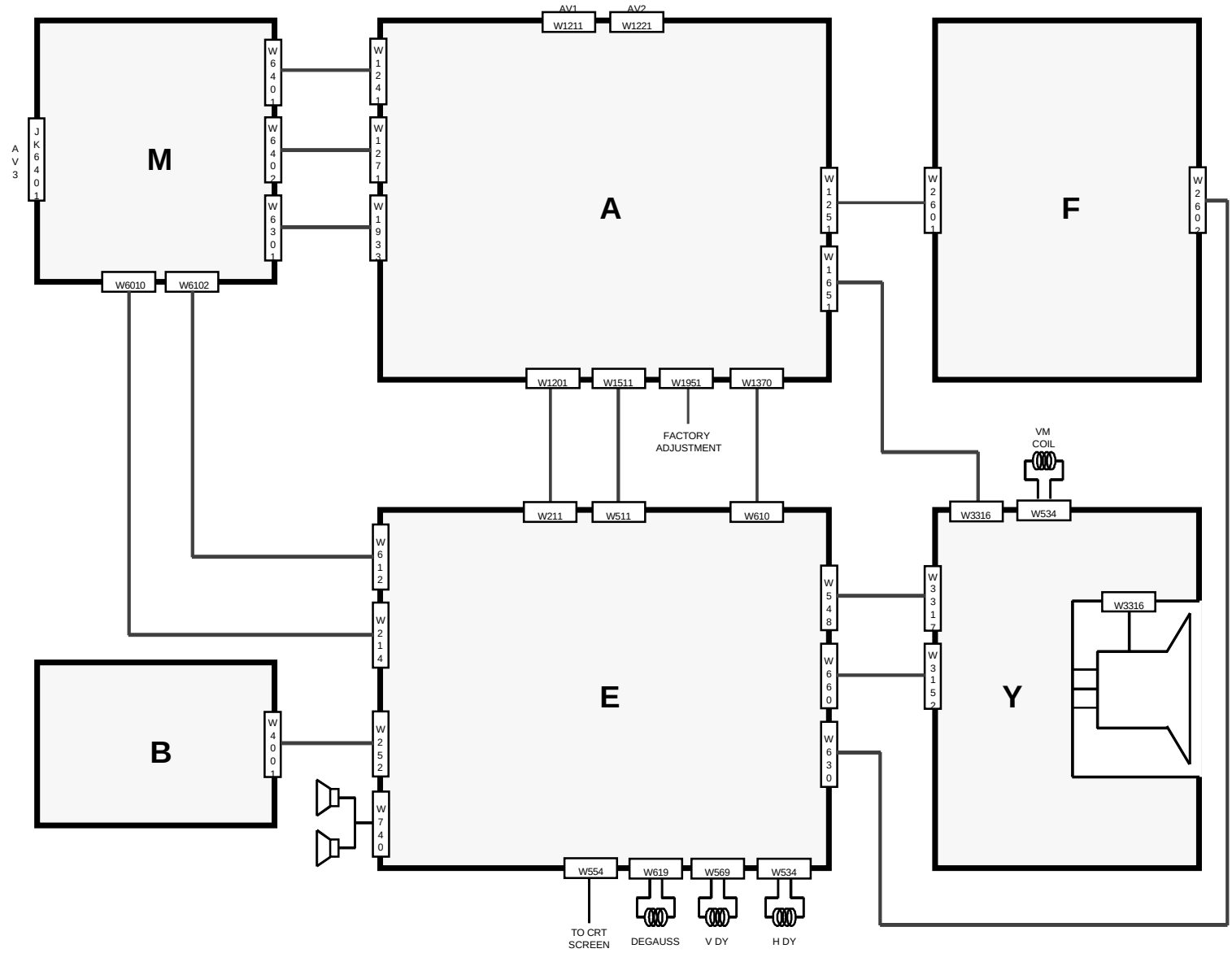
VIDEO BLOCK DIAGRAM



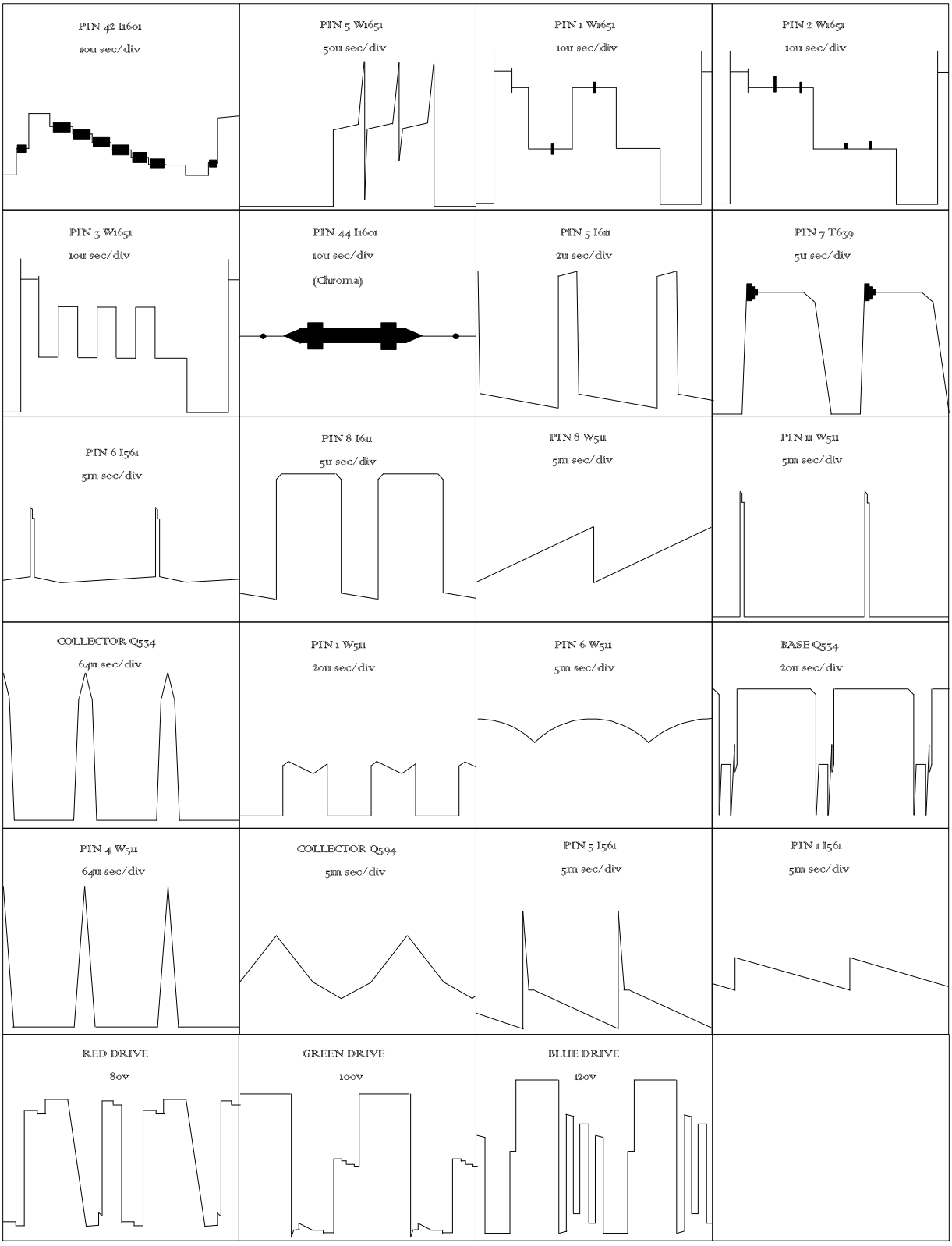
AUDIO BLOCK DIAGRAM



WIRING BLOCK DIAGRAM



FORMA D' ONDA


PIN 42 I1601
10u sec/div
PIN 5 W1651
50u sec/div
PIN 1 W1651
10u sec/div
PIN 2 W1651
10u sec/div
PIN 3 W1651
10u sec/div
PIN 44 I1601
10u sec/div
(Chroma)
PIN 5 I611
2u sec/div
PIN 7 T639
5u sec/div
PIN 6 I561
5m sec/div
PIN 8 I611
5u sec/div
PIN 8 W511
5m sec/div
PIN 11 W511
5m sec/div
COLLECTOR Q534
64u sec/div
PIN 1 W511
20u sec/div
PIN 6 W511
5m sec/div
BASE Q534
20u sec/div
PIN 4 W511
64u sec/div
COLLECTOR Q594
5m sec/div
PIN 5 I561
5m sec/div
PIN 1 I561
5m sec/div
RED DRIVE
80v
GREEN DRIVE
100v
BLUE DRIVE
120v

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SCHEMA ELETTRICO
TX-29/25AD1D
(TELAIO EURO-2)

IMPORTANTE

I componenti indicati con ⚠ hanno caratteristiche speciali ed importante per la sicurezza. Qualora tali componenti vengano sostituity, devono essere usati solo quelli specificati dal costrut tore.

Nota

1. RESISTENZE
   Tutte le resistenze sono al carbone da 1/8W se sono contrassegnate come segue:
   I valori sono esspressi in OHM W K=1,000 M=1,000,000.
2. CONDENSATORI
   Tutti i condensatori sono ceramici 50V, se non sono contrassegnatti come segue:
   I valori sono espressi i mF, se non diversamente specificato.
3. BOBINE
   I valori sono espressi in µH, se non diversamente specificato.
   Il contrassegno "L" sullo schema elettrico indica la polarità.
4. TEST POINT
   : Posizione dei test point
   : Posizione dei waveform
5. MASSA
   : Massa Telaio (Freddo)
   : Massa Linea (Caldo)
6. CONTROLLI DI TENSIONE
   Le tensioni sono misurati con voltmetro DC alle seguenti condizioni:

Tensione di rete	AC 230V nominale 50Hz
Segnale campione	segnale barre colore (RF)
Comandi esterni	al massimo

7. Indica il flusso di segnale principale
   : VIDEO
   : AUDIO
   : VERTICALE / ORIZZONTALE
8. Questo schema elettrico è soggetto a variazioni senza preavviso.

Precauzioni

a. Nell' intendo di prevenire possibili scosse elettriche evitaer conttemporaneamente le senzioni definite calde e fredde.

b. Un corto circuito fra le due senzione può provocare anomalie nei componenti.

c. Nell' utilizzo di uno strumento di misura la massa dello stesso deve essere collegata alla massa del circuito da misurare.

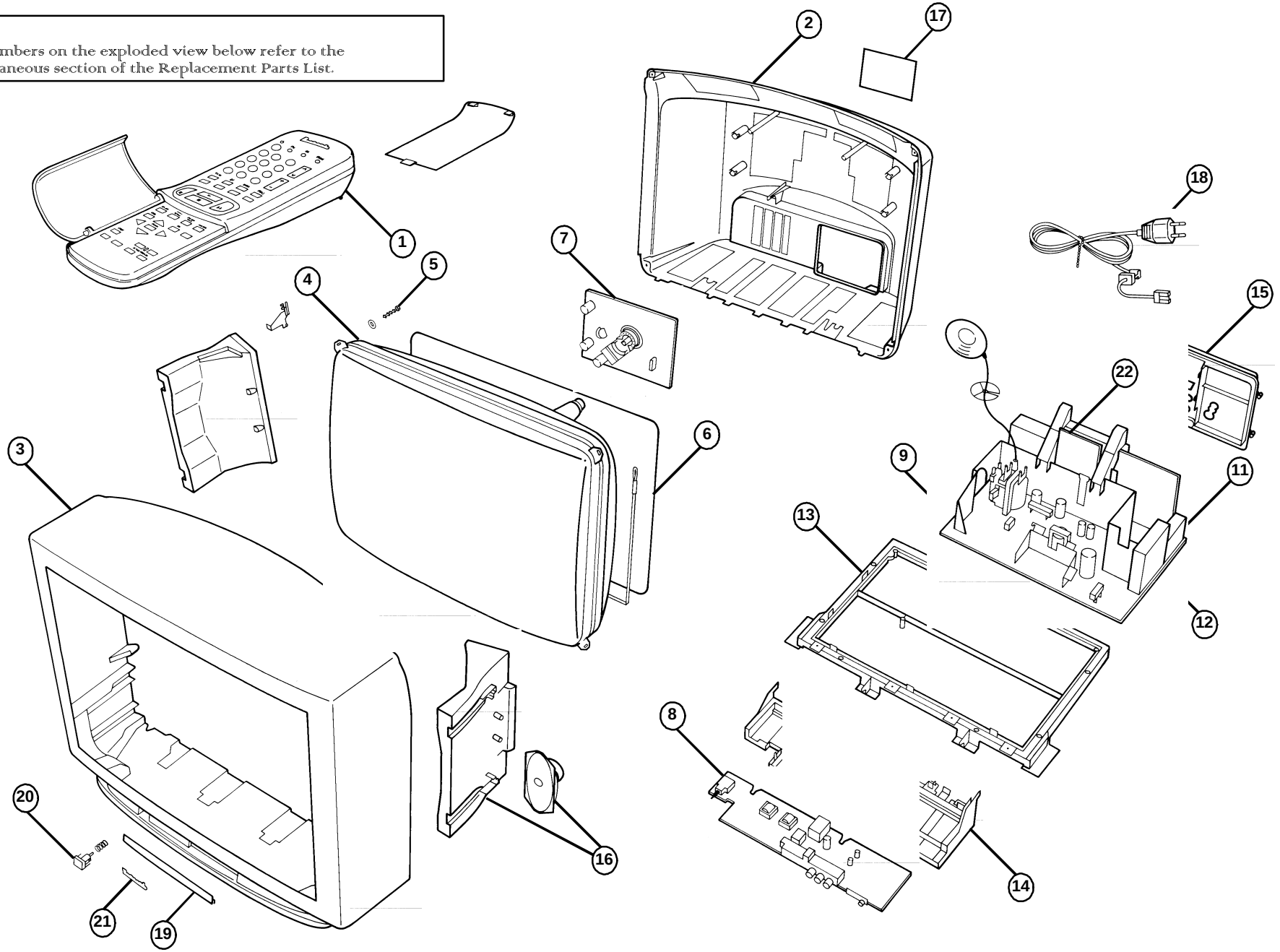
d. Le resistenze sotto indicate sono componenti fusibili di sicurezza, e risultano differenziati per valore di corrente.

Nota :

9. Nel circuito di alimentazione è presente una sezione le cui tensioni risultano separata dalla massa generale del telaio.
   Sullo schema elettrico vengono define aree calda e fredda. Prestaer particolare attenzione.
   Tutti i circuiti escludono quella di alimentazione sono freddi.

PARTS LOCATION

NOTE :
The numbers on the exploded view below refer to the miscellaneous section of the Replacement Parts List.



UBICAZIONI DEI COMPONENTI

Nota: In questa pagina i numberi all 'interno di un
cherchio corrispondond al numeri riportati
sull'elenco parti di ricambio.

PARTS COMMON TO TX - 29AD1D AND TX - 25AD1D

MISCELLANEOUS COMPONENTS

1)	EUR51920	REMOTE CONTROL	
2)	**********	SEE DIFFERENCE LIST	
3)	**********	SEE DIFFERENCE LIST	
4)	**********	SEE DIFFERENCE LIST	
5)	THT1009R	CRT FIXING SCREW	
6)	**********	SEE DIFFERENCE LIST	
7)	**********	SEE DIFFERENCE LIST	
8)	TNP117038AA	M P.C.B.	⚠
9)	**********	SEE DIFFERENCE LIST	
10)	**********	SEE DIFFERENCE LIST	
11)	ENV578F5G3	TUNER	⚠
12)	TNP117039AC	B. P.C.B.	⚠
13)	**********	SEE DIFFERENCE LIST	
14)	TMW8E016	M P.C.B. FRAME	
15)	TUX8E018	REAR AV COVER	
16)	**********	SEE DIFFERENCE LIST	
17)	**********	SEE DIFFERENCE LIST	
18)	TSX8E0011	MAINS LEAD	⚠
19)	TKP8E1109	A.V. DOOR	
20)	TBX8E021	POWER BUTTON	
21)	TBM153022	PANASONIC BADGE	
22)	TNP117035	F P.C.B.	⚠
	TBM8E1182	ANTENNA BLIND SHEET	
	TBX8E022	OPERATE KEY	
	TEK6343	LID DAMPER	
	TEK6940	LID CATCHER	
	TES2249	SPRING FOR POWER BUTTON	
	TES2298	CRT EARTH SPRING	
	TMW8E017	L.E.D. HOLDER	
	TBM8E1475	BLIND SHEET	
	TBM8E1475	BLIND SHEET	
	TNA10804	VIF PACK	
	TQB8E0916A	INST BOOK GERMAN	⚠
	TQB8E0916B	INST BOOK DUTCH	⚠
	TQB8E0916C	INST BOOK ITALIAN	⚠
	TPD8E562	CUSHION	
	UM-3DEP-2P	BATTERY	

CAPACITORS

C201	ECA1HFQ101	ELECT	50V	1mF
C202	ECQB1H103J	FILM	50V	10nF
C203	ECEA1CU221	ELECT	16V	220mF
C204	ECQB1H104J	FILM	50V	100nF
C206	222236516334	FILM	160V	330nF
C212	ECEA1HUR22	ELECT	50V	0.22mF
C226	ECQB1H104J	FILM	50V	100nF
C228	ECKC1H102J	CERAMIC	50V	1000pF
C229	ECKC1H102J	CERAMIC	50V	1000pF
C462	ECEA1EU101	ELECT	25V	100mF
C463	ECEA1EU471	ELECT	25V	470mF
C465	ECEA1CU470	ELECT	16V	47mF
C466	ECEA1HU222	ELECT	50V	2200mF
C467	ECQB1H103J	FILM	50V	10nF
C470	222236516184	FILM	160V	180nF
C471	ECEA1HU010	ELECT	50V	1mF
C472	ECEA1CU101	ELECT	16V	100mF
C473	ECEA1EGE222	ELECT	25V	2200mF
C476	ECEA1HU4R7	ELECT	50V	4.7mF
C477	ECEA1HU4R7	ELECT	50V	4.7mF
C479	222236576104	FILM	760V	100nF
C480	222236516184	FILM	160V	180nF
C481	ECEA1HU010	ELECT	50V	1mF
C482	ECEA1CU101	ELECT	16V	100mF
C483	ECEA1EGE222	ELECT	25V	2200mF
C486	ECEA1HU4R7	ELECT	50V	4.7mF
C487	ECEA1HU4R7	ELECT	50V	4.7mF
C489	222236576104	FILM	760V	100nF
C492	ECEA1VU4R7	ELECT	35V	4.7mF
C495	ECEA1EU101	ELECT	25V	100mF
C496	ECEA1CU100	ELECT	16V	10mF
C521	ECEA1HU101	ELECT	50V	100mF
C524	222236516105	FILM	160V	1mF
C527	ECQM2683JZ	FILM	250V	68nF
C531	ECQM2564KZ	FILM	250V	560nF
C536	ECWH12H103J	FILM	1250V	10nF ⚠
C538	ECWF2H514J	FILM	500V	510nF ⚠
C543	ECEA2VU2R2	ELECT	350V	2.2mF
C544	ECKC3D152J	CERAMIC	2KV	1.5nF ⚠
C547	ECKC2H101J	CERAMIC	500V	100pF ⚠
C548	ECEA2EU220	ELECT	250V	22mF
C549	ECEA2AU2R2	ELECT	100V	2.2mF
C557	ECKC2H101J	CERAMIC	500V	100pF ⚠
C558	ECEA1VU102	ELECT	35V	1000mF
C561	ECEA1VU222	ELECT	35V	2200mF
C562	222236576104	FILM	760V	100nF
C563	ECEA1VU471	ELECT	35V	470mF
C564	ECQB1H473K	FILM	50V	47nF
C574	ECEA1VU332	ELECT	35V	3300mF
C577	222236516105	FILM	160V	1mF
C579	ECKC1H472J	CERAMIC	50V	4.7nF
C592	ECEA1CU330	ELECT	16V	33mF
C594	ECKC1H103JB	CERAMIC	50V	10nF
C595	ECQB1H102J	FILM	50V	1nF
C618	ECOS2GG181NG	ELECT	400V	180mF ⚠
C619	ECQE6104K	FILM	600V	100nF ⚠
C622	ECEA1HFS470	ELECT	50V	47mF
C623	222236516224	FILM	160V	220nF
C626	ECKC3D471JB	CERAMIC	2KV	470pF ⚠
C628	ECKC1H221J	CERAMIC	50V	220pF
C629	ECQB1H153K	FILM	50V	15nF
C631	ECQB1H472J	FILM	50V	4.7nF
C632	ECQB1H103J	FILM	50V	10nF
C634	ECEA1HGE010	ELECT	50V	1mF
C635	ECKC3D331J	CERAMIC	2KV	330pF ⚠
C636	ECKC2H472J	CERAMIC	500V	4.7nF ⚠
C637	ECQB1H222J	FILM	50V	2200pF

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C638	ECQF6333JZH	FILM	600V	0.033mF	
C639	ECKCWS222MEJ	CERAMIC		2200pF	
C647	222236516334	FILM	160V	330nF	
C650	ECKC3A102J	CERAMIC	1KV	1nF	⚠
C651	ECOS2EA221AB	ELECT	400V	220mF	
C656	ECKC2H681J	CERAMIC	500V	680pF	⚠
C657	ECEA1HU471	ELECT	50V	470mF	
C661	ECKC2H821J	CERAMIC	500V	820pF	⚠
C662	ECEA1EU222	ELECT	25V	2200mF	
C666	222236516224	FILM	160V	220nF	
C667	ECEA1CU471	ELECT	16V	470mF	
C671	ECKC2H681J	CERAMIC	500V	680pF	⚠
C672	ECEA1EU222	ELECT	25V	2200mF	
C677	ECEA1CU471	ELECT	16V	470mF	
C681	ECEA1EGE101	ELECT	25V	100mF	
C682	ECKC2H331J	CERAMIC	500V	330pF	⚠
C687	ECEA1HGE102	ELECT	50V	1000mF	
C1001	ECEA1CU470	ELECT	16V	47mF	
C1002	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C1011	ECEA1CU470	ELECT	16V	47mF	
C1012	ECUV1H473ZFX	S.M. CAP	50V	47nF	
C1013	ECEA1CU470	ELECT	16V	47mF	
C1019	ECEA1CU470	ELECT	16V	47mF	
C1020	ECEA1CU470	ELECT	16V	47mF	
C1021	ECEA1HUR47	ELECT	50V	0.47mF	
C1022	ECEA1HUR47	ELECT	50V	0.47mF	
C1023	ECUV1H221JCX	S.M. CAP	50V	220pF	
C1024	ECUV1H221JCX	S.M. CAP	50V	220pF	
C1031	ECEA1HNR47	ELECT	50V	0.47mF	
C1032	ECEA1HUR47	ELECT	50V	0.47mF	
C1033	ECUV1H221JCX	S.M. CAP	50V	220pF	
C1034	ECUV1H221JCX	S.M. CAP	50V	220pF	
C1036	ECEA1CU470	ELECT	16V	47mF	
C1038	ECEA1CU470	ELECT	16V	47mF	
C1041	ECUV1H103KBX	S.M. CAP	50V	10nF	
C1042	ECUV1H103KBX	S.M. CAP	50V	10nF	
C1043	ECEA1HUR47	ELECT	50V	0.47mF	
C1044	ECEA1HUR47	ELECT	50V	0.47mF	
C1051	ECEA1HNR33	ELECT	50V	0.33mF	
C1052	ECEA1HNR33	ELECT	50V	0.33mF	
C1071	ECEA1CN470	ELECT	16V	47mF	
C1091	ECEA1CU470	ELECT	16V	47mF	
C1101	ECEA1HUR47	ELECT	50V	0.47mF	
C1111	ECEA1HU470	ELECT	50V	47mF	
C1112	ECUV1H473ZFX	S.M. CAP	50V	47nF	
C1116	ECUV1H473ZFX	S.M. CAP	50V	47nF	
C1121	ECEA1HUR47	ELECT	50V	0.47mF	
C1124	ECUV1H473ZFX	S.M. CAP	50V	47nF	
C1126	ECEA1CU470	ELECT	16V	47mF	
C1151	ECUV1H102KBX	S.M. CAP	50V	1nF	
C1158	ECEA1HUR47	ELECT	50V	0.47mF	
C1161	ECUV1H102KBX	S.M. CAP	50V	1nF	
C1178	ECUV1H473ZFX	S.M. CAP	50V	47nF	
C1179	ECEA1CU470	ELECT	16V	47mF	
C1183	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C1193	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C1226	ECUV1H560JCX	S.M. CAP	50V	56pF	
C1231	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C1241	ECUV1H472KBX	S.M. CAP	50V	4.7nF	
C1242	ECUV1H472KBX	S.M. CAP	50V	4.7nF	
C1263	ECUV1H102KBX	S.M. CAP	50V	1nF	
C1266	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C1271	ECUV1H102KBX	S.M. CAP	50V	1nF	
C1273	ECEA1HUR47	ELECT	50V	0.47mF	
C1282	ECEA1HUR47	ELECT	50V	0.47mF	
C1284	ECEA1HUR47	ELECT	50V	0.47mF	

C1301	ECEA1CU100	ELECT	16V	10mF
C1302	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1303	ECEA1CU100	ELECT	16V	10mF
C1304	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1306	ECEA1CU101	ELECT	16V	100mF
C1307	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1309	ECEA1CU100	ELECT	16V	10mF
C1310	ECEA1CU100	ELECT	16V	10mF
C1311	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1312	ECEA50Y3R3	ELECT	50V	3.3mF
C1313	ECUV1H471JCX	S.M. CAP	50V	470pF
C1314	ECUV1H471JCX	S.M. CAP	50V	470pF
C1315	ECEA1CU100	ELECT	16V	10mF
C1316	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1321	ECUV1H030CCX	S.M. CAP	50V	30pF
C1322	ECUV1H030CCX	S.M. CAP	50V	30pF
C1326	ECQM1H334J	FILM	50V	330nF
C1327	ECUV1H221JCX	S.M. CAP	50V	220pF
C1331	ECUV1H391JCX	S.M. CAP	50V	390pF
C1332	ECUV1H391JCX	S.M. CAP	50V	390pF
C1346	ECUV1H221JCX	S.M. CAP	50V	220pF
C1347	ECUV1H221JCX	S.M. CAP	50V	220pF
C1351	ECEA1CU470	ELECT	16V	47mF
C1352	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1353	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1377	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1382	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1409	ECUV1H470JCX	S.M. CAP	50V	47pF
C1411	ECUV1H070DCX	S.M. CAP	50V	7pF
C1412	ECUV1H100DCX	S.M. CAP	50V	10pF
C1413	ECUV1H220JCX	S.M. CAP	50V	22pF
C1416	ECUV1H070DCX	S.M. CAP	50V	7pF
C1417	ECUV1H560JCX	S.M. CAP	50V	56pF
C1444	ECUV1H102KBX	S.M. CAP	50V	1nF
C1454	ECUV1H102KBX	S.M. CAP	50V	1nF
C1463	ECUV1H102KBX	S.M. CAP	50V	1nF
C1465	ECUV1H560JCX	S.M. CAP	50V	56pF
C1467	ECUV1H102KBX	S.M. CAP	50V	1nF
C1468	ECUV1H102KBX	S.M. CAP	50V	1nF
C1473	ECUV1H102KBX	S.M. CAP	50V	1nF
C1475	ECUV1H560JCX	S.M. CAP	50V	56pF
C1483	ECUV1H102KBX	S.M. CAP	50V	1nF
C1487	ECUV1H103KBX	S.M. CAP	50V	10nF
C1493	ECUV1H102KBX	S.M. CAP	50V	1nF
C1497	ECUV1H103KBX	S.M. CAP	50V	10nF
C1601	ECEA1CU470	ELECT	16V	47mF
C1602	ECUV1H103KBX	S.M. CAP	50V	10nF
C1606	ECEA0JU102	ELECT	6.3V	1000mF
C1607	ECUV1H103KBX	S.M. CAP	50V	10nF
C1611	ECEA1CU470	ELECT	16V	47mF
C1612	ECUV1H103KBX	S.M. CAP	50V	10nF
C1613	ECEA1CU100	ELECT	16V	10mF
C1614	ECUV1H473ZFX	S.M. CAP	50V	47nF
C1615	ECUV1H103KBX	S.M. CAP	50V	10nF
C1616	ECUV1H101JCX	S.M. CAP	50V	100pF
C1617	ECUV1H470JCX	S.M. CAP	50V	47pF
C1618	ECUV1H470JCX	S.M. CAP	50V	47pF
C1619	ECUV1H103KBX	S.M. CAP	50V	10nF
C1620	ECUV1H102KBX	S.M. CAP	50V	1nF
C1621	ECUV1H103KBX	S.M. CAP	50V	10nF
C1624	ECEA1HNR22	ELECT	50V	0.22mF
C1626	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1627	ECEA1HNR22	ELECT	50V	0.22mF
C1641	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1651	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1652	ECUV1H104ZFX	S.M. CAP	50V	100nF

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C1653	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1655	ECEA1CU470	ELECT	16V	47mF
C1661	ECUV1H102KBX	S.M. CAP	50V	1nF
C1662	ECUV1H683ZFX	S.M. CAP	50V	68nF
C1663	ECUV1H102KBX	S.M. CAP	50V	1nF
C1666	ECUV1H102KBX	S.M. CAP	50V	1nF
C1667	ECUV1H683ZFX	S.M. CAP	50V	68nF
C1668	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1673	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1680	ECUV1H471JCX	S.M. CAP	50V	470pF
C1681	ECUV1H102KBX	S.M. CAP	50V	1nF
C1682	ECUV1H102KBX	S.M. CAP	50V	1nF
C1683	ECUV1H271JCX	S.M. CAP	50V	270pF
C1684	ECUV1H121JCX	S.M. CAP	50V	120pF
C1685	ECUV1H102KBX	S.M. CAP	50V	1nF
C1686	ECUV1H271JCX	S.M. CAP	50V	270pF
C1687	ECUV1H121JCX	S.M. CAP	50V	120pF
C1688	ECUV1H471JCX	S.M. CAP	50V	470pF
C1691	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1692	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1693	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1696	ECUV1H102KBX	S.M. CAP	50V	1nF
C1697	ECUV1H100DCX	S.M. CAP	50V	10pF
C1698	ECUV1H102KBX	S.M. CAP	50V	1nF
C1699	ECUV1H100DCX	S.M. CAP	50V	10pF
C1701	ECEA1CU470	ELECT	16V	47mF
C1702	ECUV1H103KBX	S.M. CAP	50V	10nF
C1704	ECEA1CU470	ELECT	16V	47mF
C1706	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1714	ECUV1H103KBX	S.M. CAP	50V	10nF
C1717	ECUV1H102KBX	S.M. CAP	50V	1nF
C1721	ECUV1H473ZFX	S.M. CAP	50V	47nF
C1722	ECUV1H102KBX	S.M. CAP	50V	1nF
C1752	ECUV1H103KBX	S.M. CAP	50V	10nF
C1753	ECEA1CU100	ELECT	16V	10mF
C1801	ECUV1H103KBX	S.M. CAP	50V	10nF
C1804	ECUV1H103KBX	S.M. CAP	50V	10nF
C1811	ECUV1H332KBX	S.M. CAP	50V	3.3nF
C1816	ERJ6GEYJ153	S.M.CARB	0.1W5%	15KW
C1826	ERJ6GEYJ153	S.M.CARB	0.1W5%	15KW
C1836	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1838	ECUV1H101JCX	S.M. CAP	50V	100pF
C1843	ECUV1H472KBX	S.M. CAP	50V	4.7nF
C1845	ECUV1H560JCX	S.M. CAP	50V	56pF
C1849	ECEA1HU4R7	ELECT	50V	4.7mF
C1851	ECUV1H470JCX	S.M. CAP	50V	47pF
C1852	ECUV1H390JCX	S.M. CAP	50V	39pF
C1853	ECUV1H390JCX	S.M. CAP	50V	39pF
C1857	ECUV1H560JCX	S.M. CAP	50V	56pF
C1859	ECUV1H560JCX	S.M. CAP	50V	56pF
C1871	ECUV1H103KBX	S.M. CAP	50V	10nF
C1879	ECUV1H560JCX	S.M. CAP	50V	56pF
C1888	ECUV1H103KBX	S.M. CAP	50V	10nF
C1891	ECUV1H102KBX	S.M. CAP	50V	1nF
C1893	ECUV1H102KBX	S.M. CAP	50V	1nF
C1894	ECUV1H102KBX	S.M. CAP	50V	1nF
C1922	ECUV1H103KBX	S.M. CAP	50V	10nF
C1925	ECUV1H103KBX	S.M. CAP	50V	10nF
C1931	ECUV1H103KBX	S.M. CAP	50V	10nF
C1941	ECUV1H103KBX	S.M. CAP	50V	10nF
C1942	ECEA1CU470	ELECT	16V	47mF
C1961	ECUV1H332KBX	S.M. CAP	50V	3.3nF
C1962	ECUV1H332KBX	S.M. CAP	50V	3.3nF
C1963	ECUV1H332KBX	S.M. CAP	50V	3.3nF
C1964	ECUV1H332KBX	S.M. CAP	50V	3.3nF
C1971	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1972	ECEA1CU470	ELECT	16V	47mF
C1973	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1974	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1976	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1981	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1982	ECUV1H101JCX	S.M. CAP	50V	100pF
C2603	ECUV1H100DCX	S.M. CAP	50V	10pF
C2604	ECUV1H104ZFX	S.M. CAP	50V	100nF
C2605	ECEA1CKA470	ELECT	16V	47mF
C2606	ECUV1H104ZFX	S.M. CAP	50V	100nF
C2607	ECUV1H104ZFX	S.M. CAP	50V	100nF
C2609	ECEA1CKA470	ELECT	16V	47mF
C2611	ECUV1H104ZFX	S.M. CAP	50V	100nF
C2612	ECEA1CKA470	ELECT	16V	47mF
C2613	ECUV1H104ZFX	S.M. CAP	50V	100nF
C2614	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2615	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2616	ECEA1CKA470	ELECT	16V	47mF
C2617	ECEA1HKNR47	ELECT	50V	0.47mF
C2618	ECEA1CKA470	ELECT	16V	47mF
C2619	ECUV1H104ZFX	S.M. CAP	50V	100nF
C2620	ECEA1CKA100	ELECT	16V	10mF
C2621	ECQM1H474J	FILM	50V	470nF
C2623	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2625	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2627	ECEA1CKA470	ELECT	16V	47mF
C2630	ECEA1CKA470	ELECT	16V	47mF
C2631	ECEA1CKA470	ELECT	16V	47mF
C2632	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2633	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2634	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2635	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2636	ECEA1CKA100	ELECT	16V	10mF
C2651	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2652	ECUV1H470JCX	S.M. CAP	50V	47pF
C2653	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2654	ECUV1H680JCX	S.M. CAP	50V	68pF
C2655	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2656	ECUV1H102KBX	S.M. CAP	50V	1nF
C2657	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2658	ECEA1HKA4R7	ELECT	50V	4.7mF
C2660	ECEA1HKA4R7	ELECT	50V	4.7mF
C2661	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2662	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2664	ECEA1HKA4R7	ELECT	50V	4.7mF
C2665	ECEA1HKA4R7	ELECT	50V	4.7mF
C2666	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2667	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2668	ECEA1HKA0R1	ELECT	50V	0.1mF
C2669	ECUV1H181JCX	S.M. CAP	50V	180pF
C2671	ECUV1H152KBX	S.M. CAP	50V	1.5pF
C2672	ECUV1H223KBX	S.M. CAP	50V	22nF
C2674	ECEA1HKA4R7	ELECT	50V	4.7mF
C2675	ECUV1H181JCX	S.M. CAP	50V	180pF
C2676	ECEA1CKA100	ELECT	16V	10mF
C2677	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2678	ECUV1H180JCX	S.M. CAP	50V	18pF
C2679	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2680	ECEA1CKA470	ELECT	16V	47mF
C2681	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2682	ECEA1CKA100	ELECT	16V	10mF
C2683	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2684	ECEA1CKA470	ELECT	16V	47mF
C2685	ECUV1H103ZFX	S.M. CAP	50V	10nF
C2686	ECUV1H104ZFX	S.M. CAP	50V	100nF
C3101	ECUV1H030CCX	S.M. CAP	50V	30pF
C3102	ECUV1H103ZFX	S.M. CAP	50V	10nF
C3103	ECEA1HU100	ELECT	50V	10mF

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C3122	ECUV1H102KBX	S.M. CAP	50V	1nF	
C3124	ECUV1H471JCX	S.M. CAP	50V	470pF	
C3131	ECKC2H471J	CERAMIC	500V	470pF	⚠
C3134	ECEA1CU101	ELECT	16V	100mF	
C3136	ECKC2H471J	CERAMIC	500V	470pF	⚠
C3139	ECEA1CU101	ELECT	16V	100mF	
C3141	ECEA1CU471	ELECT	16V	470mF	
C3143	ECEA1CU100	ELECT	16V	10mF	
C3144	ECEA1CU470	ELECT	16V	47mF	
C3146	ECEA2EU220	ELECT	250V	22mF	
C3152	ECEA2EU220	ELECT	250V	22mF	
C3153	ECEA1VU101	ELECT	35V	100mF	
C3167	ECUV1H100DCX	S.M. CAP	50V	10pF	
C3168	ECUV1H103ZFX	S.M. CAP	50V	10nF	
C3169	ECEA1CU100	ELECT	16V	10mF	
C3177	ECUV1H150JCX	S.M. CAP	50V	15pF	
C3178	ECUV1H103ZFX	S.M. CAP	50V	10nF	
C3179	ECEA1CU100	ELECT	16V	10mF	
C3188	ECUV1H103ZFX	S.M. CAP	50V	10nF	
C3189	ECEA1CU100	ELECT	16V	10mF	
C3356	ECEA1CU220	ELECT	16V	22mF	
C3357	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C3362	TACA1103P2KV	I.C.			
C3363	TACA1103P2KV	I.C.			
C3366	ECEA2EU220	ELECT	250V	22mF	
C3367	ECQM2104KZ	FILM	250V	100nF	
C3369	ECEA1CU100	ELECT	16V	10mF	
C3373	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C3377	ECUV1H681JCX	S.M. CAP	50V	680pF	
C3383	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C3387	ECUV1H681JCX	S.M. CAP	50V	680pF	
C3392	ECEA1CU471	ELECT	16V	470mF	
C3393	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C3397	ECUV1H681JCX	S.M. CAP	50V	680pF	
C4701	ECUV1H151JCX	S.M. CAP	50V	150pF	
C4702	ECUV1H331JCX	S.M. CAP	50V	330pF	
C4703	ECEA1HKAR47	ELECT	50V	0.47mF	
C4704	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4705	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4706	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4707	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4708	ECEA1CKA100	ELECT	16V	10mF	
C4709	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4710	ECEA1CKA100	ELECT	16V	10mF	
C4711	ECUV1H390JPX	S.M. CAP	50V	39pF	
C4712	ECUV1H150JCX	S.M. CAP	50V	15pF	
C4713	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4714	ECEA1EKA100	ELECT	25V	10mF	
C4715	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4716	ECEA1CKA100	ELECT	16V	10mF	
C4717	ECUV1H683ZFX	S.M. CAP	50V	68nF	
C4718	ECUV1H102KBX	S.M. CAP	50V	1nF	
C4719	ECEA1HKAR47	ELECT	50V	0.47mF	
C4720	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4721	ECEA1HKA2R2	ELECT	50V	2.2mF	
C4722	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4723	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4724	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4725	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4726	ECEA1CKA470	ELECT	16V	47mF	
C4729	ECUV1H102KBX	S.M. CAP	50V	1nF	
C4730	ECUV1H102KBX	S.M. CAP	50V	1nF	
C4733	ECUV1H270JPX	S.M. CAP	50V	27pF	
C4742	ECUV1H100DCX	S.M. CAP	50V	10pF	
C4744	ECUV1H100DCX	S.M. CAP	50V	10pF	
C4745	ECUV1H102KBX	S.M. CAP	50V	1nF	
C4746	ECUV1H104ZFX	S.M. CAP	50V	100nF	
C4747	ECUV1H102KBX	S.M. CAP	50V	1nF	
C4748	ECUV1H102KBX	S.M. CAP	50V	1nF	
C4749	ECUV1H102KBX	S.M. CAP	50V	1nF	
C4790	ECEA1HKA010	ELECT	50V	1mF	
C6101	ECEA1HU471	ELECT	50V	470mF	
C6102	ECQM1H334J	FILM	50V	330nF	
C6103	ECQM1H104J	FILM	50V	100nF	
C6106	ECEA1HU101	ELECT	50V	100mF	
C6301	ECEA1CU470	ELECT	16V	47mF	
C6303	ECUV1H103ZFX	S.M. CAP	50V	10nF	
C6401	ECEA1CU101	ELECT	16V	100mF	
C6402	ECEA1CU101	ELECT	16V	100mF	
C6403	ECUV1H103ZFX	S.M. CAP	50V	10nF	
C6406	ECEA1HU4R7	ELECT	50V	4.7mF	
C6407	ECUV1H102KBX	S.M. CAP	50V	1nF	
C6408	ECEA1HU4R7	ELECT	50V	4.7mF	
C6409	ECUV1H561JCX	S.M. CAP	50V	560pF	
C6410	ECUV1H561JCX	S.M. CAP	50V	560pF	
C6417	ECEA1CU471	ELECT	16V	470mF	
C6436	ECEA1HU4R7	ELECT	50V	4.7mF	
C6437	ECUV1H102KBX	S.M. CAP	50V	1nF	
C6438	ECEA1HU4R7	ELECT	50V	4.7mF	
C6447	ECEA1CU471	ELECT	16V	470mF	
C6491	ECUV1H271JCX	S.M. CAP	50V	270pF	
C6591	ECUV1H271JCX	S.M. CAP	50V	270pF	
C6812	ECQU2A154MN	FILM	250V	150nF	
C6815	ECQU2A224MN	FILM	250V	220nF	

DIODES

D206	MA4300	DIODE
D465	MA165TA5	DIODE
D466	MA165TA5	DIODE
D467	MA165TA5	DIODE
D468	MA165TA5	DIODE
D471	MA700TA5	DIODE
D481	MA700TA5	DIODE
D491	MA167TA5	DIODE
D526	MA165TA5	DIODE
D527	EU02	DIODE
D536	ERB0615	DIODE TYPD0753VAG
D537	TVSRU2AM	DIODE
D544	TVSES1FV1	DIODE
D547	AU02V0	DIODE
D548	MA165TA5	DIODE
D549	MA167TA5	DIODE
D557	EU02	DIODE
D561	ERA15-02V3	DIODE
D562	MA165TA5	DIODE
D563	MA165TA5	DIODE
D566	MA2082ALFS	DIODE
D567	MA4062	DIODE
D569	MA2082ALFS	DIODE
D613	RBV4-08	DIODE
D622	MA167TA5	DIODE
D630	MA165TA5	DIODE
D636	MA167TA5	DIODE
D651	RG4CLFL1	DIODE
D656	EU02	DIODE
D661	ERD32-02L7	DIODE
D671	ERD32-02L7	DIODE
D674	MA4120	DIODE
D678	MA4027	DIODE
D681	EU02	DIODE

D686	RU4AMLF-M1	DIODE
D1019	PMLL5242B	DIODE
D1020	PMLL5242B	DIODE
D1023	PMLL5242B	DIODE
D1024	PMLL5242B	DIODE
D1033	PMLL5242B	DIODE
D1034	PMLL5242B	DIODE
D1036	PMLL5242B	DIODE
D1038	PMLL5242B	DIODE
D1070	PMLL5242B	DIODE
D1080	PMLL4148L	DIODE
D1081	PMLL4148L	DIODE
D1082	PMLL4148L	DIODE
D1090	PMLL5242B	DIODE
D1121	PMLL5242B	DIODE
D1123	PMLL5242B	DIODE
D1156	PMLL5242B	DIODE
D1158	PMLL5242B	DIODE
D1172	PMLL5242B	DIODE
D1221	PMLL5232B	DIODE
D1222	PMLL5232B	DIODE
D1270	PMLL5242B	DIODE
D1273	PMLL5242B	DIODE
D1282	PMLL5242B	DIODE
D1284	PMLL5242B	DIODE
D1381	PMLL5239B	DIODE
D1382	PMLL4148L	DIODE
D1617	PMLL4148L	DIODE
D1623	PMLL4148L	DIODE
D1624	PMLL4148L	DIODE
D1681	PMLL4148L	DIODE
D1682	PMLL4148L	DIODE
D1941	PMLL5232B	DIODE
D3126	PMLL4148L	DIODE
D3127	PMLL4148L	DIODE
D3133	PMLL4148L	DIODE
D3138	PMLL4148L	DIODE
D3368	PMLL4148L	DIODE
D3372	MA165TA5	DIODE
D3373	PMLL4148L	DIODE
D3374	PMLL4148L	DIODE
D3377	PMLL4148L	DIODE
D3382	MA165TA5	DIODE
D3383	PMLL4148L	DIODE
D3384	PMLL4148L	DIODE
D3387	PMLL4148L	DIODE
D3391	MA165TA5	DIODE
D3392	MA165TA5	DIODE
D3393	PMLL4148L	DIODE
D3394	PMLL4148L	DIODE
D3397	PMLL4148L	DIODE
D6101	TVSS1WBS10	DIODE
D6103	PMLL4148L	DIODE
D6106	PMLL4148L	DIODE
D6301	LN81RPHL	DIODE
D6381	PMLL4148L	DIODE
D6382	PMLL4148L	DIODE
D6391	PMLL4148L	DIODE
D6392	PMLL4148L	DIODE
D6491	PMLL4148L	DIODE
D6492	PMLL4148L	DIODE
D6591	PMLL4148L	DIODE
D6592	PMLL4148L	DIODE

FUSES

F547	TR5-T2000	FUSE	⚠
F656	TR5-T1250	FUSE	⚠
F661	TR5-T2000	FUSE	⚠
F671	TR5-T2000	FUSE	⚠
F6811	2153.15H	FUSE	⚠
F68111	EYF52BC	FUSE HOLDER	
F68112	EYF52BC	FUSE HOLDER	

INTEGRATED CIRCUITS

I466	LA4282	AUDIO OUTPUT
I561	TDA8175-3	VERTICAL OUTPUT
I611	TDA4605-3	SWITCHABLE POWER SUPPLY
I646	L78M09MRB	9V REGULATOR
I661	LM317T	12V REGULATOR
I676	TL431ACLPM	COIL
I1111	TEA6415B	VIDEO SWITCH
I1301	MSP3400	AUDIO PROCESSOR
I1351	AN78L08TA	8V REGULATOR
I1701	TPU3040-12	TEXT PROCESSOR
I1871	27C010-07A	EPROM
I1941	ST24C08CB1	EAROM
I1981	MN1280R	RESET
I2601	MC141625A	FILTER
I2651	UPC1860GS-E1	DELAY
I4700	LA7577N	V.I.F.
I4701	AN78N12	12V REGULATOR
I6101	AN78L05TA	5V REGULATOR
I6301	RPM-637CBRS1	LED RECEIVER

SOCKETS/TERMINALS/LINK WIRES

BC1	ERJ6GEY0R00	WIRE LINK
BC2	ERJ6GEY0R00	WIRE LINK
BC4	ERJ6GEY0R00	WIRE LINK
BC5	ERJ6GEY0R00	WIRE LINK
B11	ERJ6GEY0R00	WIRE LINK
B12	ERJ6GEY0R00	WIRE LINK
B15	ERJ6GEY0R00	WIRE LINK
B16	ERJ6GEY0R00	WIRE LINK
B17	ERJ6GEY0R00	WIRE LINK
B18	ERJ6GEY0R00	WIRE LINK
B19	ERJ6GEY0R00	WIRE LINK
H1871	832AG11D-ESL	I.C. SOCKET
JC1001	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1002	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1003	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1004	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1005	ERJ6GEY0R00	WIRE LINK
JC1006	ERJ6GEY0R00	WIRE LINK
JC1007	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1008	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1009	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1010	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1011	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1012	ERJ6GEY0R00	WIRE LINK
JC1013	ERJ6GEY0R00	WIRE LINK
JC1014	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1015	ERJ6GEY0R00	WIRE LINK
JC1016	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1017	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1018	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1019	ERJ6GEY0R00	WIRE LINK
JC1020	ERJ8GEY0R00	METAL 0.125W 1% 0W

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JC1021	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1022	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1023	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1024	ERJ6GEY0R00	WIRE LINK
JC1025	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1026	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1027	ERJ6GEY0R00	WIRE LINK
JC1029	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1030	ERJ6GEY0R00	WIRE LINK
JC1031	ERJ6GEY0R00	WIRE LINK
JC1032	ERJ6GEY0R00	WIRE LINK
JC1033	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1034	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1035	ERJ6GEY0R00	WIRE LINK
JC1036	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1037	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1040	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1041	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1042	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1043	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1044	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1045	ERJ6GEY0R00	WIRE LINK
JC1047	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1048	ERJ6GEY0R00	WIRE LINK
JC1049	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1050	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1051	ERJ6GEY0R00	WIRE LINK
JC1052	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1053	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1054	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1055	ERJ6GEY0R00	WIRE LINK
JC1056	ERJ6GEY0R00	WIRE LINK
JC1057	ERJ6GEY0R00	WIRE LINK
JC1058	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1059	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1060	ERJ6GEY0R00	WIRE LINK
JC1061	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1062	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1064	ERJ6GEY0R00	WIRE LINK
JC1065	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1066	ERJ6GEY0R00	WIRE LINK
JC1067	ERJ6GEY0R00	WIRE LINK
JC1068	ERJ6GEY0R00	WIRE LINK
JC1069	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1070	ERJ6GEY0R00	WIRE LINK
JC1071	ERJ6GEY0R00	WIRE LINK
JC1072	ERJ6GEY0R00	WIRE LINK
JC1073	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1074	ERJ6GEY0R00	WIRE LINK
JC1075	ERJ6GEY0R00	WIRE LINK
JC1076	ERJ6GEY0R00	WIRE LINK
JC1077	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1078	ERJ6GEY0R00	WIRE LINK
JC1079	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1080	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1081	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1082	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1083	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1084	ERJ6GEY0R00	WIRE LINK
JC1085	ERJ6GEY0R00	WIRE LINK
JC1086	ERJ6GEY0R00	WIRE LINK
JC1087	ERJ6GEY0R00	WIRE LINK
JC1088	ERJ6GEY0R00	WIRE LINK
JC1089	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1090	ERJ6GEY0R00	WIRE LINK
JC1091	ERJ6GEY0R00	WIRE LINK
JC1093	ERJ8GEY0R00	METAL 0.125W 1% W0
JC1094	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1095	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1096	ERJ6GEY0R00	WIRE LINK
JC1097	ERJ6GEY0R00	WIRE LINK
JC1098	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1099	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1100	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1101	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1102	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1103	ERJ6GEY0R00	WIRE LINK
JC1104	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1105	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1106	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1107	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1108	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1109	ERJ6GEY0R00	WIRE LINK
JC1112	ERJ6GEY0R00	WIRE LINK
JC1113	ERJ6GEY0R00	WIRE LINK
JC1114	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1115	ERJ6GEY0R00	WIRE LINK
JC1116	ERJ6GEY0R00	WIRE LINK
JC1117	ERJ6GEY0R00	WIRE LINK
JC1118	ERJ6GEY0R00	WIRE LINK
JC1119	ERJ6GEY0R00	WIRE LINK
JK6401	TJB16656	A.V. TERMINAL
J2	ERJ6GEY0R00	WIRE LINK
J12	EXCELSA39V	COIL
J23	EXCELSA39V	COIL
W1951	MKS165810808	CONNECTOR

COILS

L204	ELER220KA	COIL
L230	EXCELSA24T	COIL
L538	297-23293	COIL
L542	ELC08D055	COIL
L554	ELER220KA	COIL
L626	EXCELDR35C	COIL
L650	EXCELDR35C	COIL
L686	EXCELSA35T	COIL
L1037	TSC925-4	CHOKE
L1301	EXCELDR35V	COIL
L1303	EXCELDR35V	COIL
L1351	ELEV4R7KA	COIL
L1413	ELEV6R8KA	COIL
L1601	ELEV4R7KA	COIL
L1606	EXCELDR35V	COIL
L1611	ELEV4R7KA	COIL
L1619	EXCELDR35V	COIL
L1622	ELEV4R7KA	COIL
L1634	EXCEMT101BT	COIL
L1644	EXCEMT101BT	COIL
L1652	ELEV4R7KA	COIL
L1654	EXCEMT101BT	COIL
L1684	ELEMV1R5MA	COIL
L1687	ELEMV1R5MA	COIL
L1691	EXCEMT101BT	COIL
L1692	EXCEMT101BT	COIL
L1693	EXCEMT101BT	COIL
L1694	EXCEMT101BT	COIL
L1701	ELEV4R7KA	COIL
L1714	EXCELDR35V	COIL
L1751	EXCELDR35V	COIL
L1801	ELEV4R7KA	COIL

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L1837	EXCELDR35V	COIL
L1845	ELEV3R3KA	COIL
L1857	ELEV3R3KA	COIL
L1859	ELEV3R3KA	COIL
L1871	EXCELDR35V	COIL
L1878	ELEV3R3KA	COIL
L1888	ELEV4R7KA	COIL
L1931	ELEV4R7KA	COIL
L1941	EXCELDR35V	COIL
L1972	EXCELDR35V	COIL
L1974	EXCELDR35V	COIL
L1977	EXCELDR35V	COIL
L2602	TLT221K991R	COIL
L2603	TLT221K991R	COIL
L2604	TLT221K991R	COIL
L2605	TLT220K991R	COIL
L2607	TLT220K991R	COIL
L2608	EXCELDR35V	COIL
L2609	EXCELDR35V	COIL
L2651	TLT150K991R	COIL
L2653	TLT101K991R	COIL
L2654	TLT101K991R	COIL
L2655	TLT101K991R	COIL
L2656	TLT100K991R	COIL
L3161	SDL-4101	COIL
L3171	SDL-4101	COIL
L3181	SDL-4101	COIL
L4701	ELESNR47KA	COIL
L4704	ELESN2R2KA	COIL
L4705	EIV7EN200B	COIL
L4706	EIV7EN201B	COIL
L4707	ELESN100KA	COIL
L6403	ELEBT6R8KA	COIL
L6404	ELEBT6R8KA	COIL
L6417	ELEBT6R8KA	COIL
L6447	ELEBT6R8KA	COIL
L6811	ELF18D415F	FILTER
L6812	ELF18D415F	FILTER

CONTROLS

PMS1	TMW8E016	CONTROL BRACKET
P633	EVMEASA00B52	CONTROL 500W
P2601	EVND4AA00B13	CONTROL 1KW
P3362	RH092GDJ6J	VARIABLE RESISTOR
P3368	EVN65UA00B24	CONTROL 20KW
P4701	EVNDXAA03B53	CONTROL 5KW

TRANSISTORS

Q463	BC557B	TRANSISTOR
Q465	BC547B	TRANSISTOR
Q494	BC547B	TRANSISTOR
Q496	BC547B	TRANSISTOR
Q497	BC557B	TRANSISTOR
Q498	BC547B	TRANSISTOR
Q526	2SD836-AL	TRANSISTOR
Q534	BU2508AXRL	TRANSISTOR
Q591	BC557B	TRANSISTOR
Q592	BC557B	TRANSISTOR
Q593	BC547B	TRANSISTOR
Q594	2SD1265A	TRANSISTOR
Q624	2SK1118LB	TRANSISTOR
Q651	TFD312SOF632	DIODE
Q667	BC547B	TRANSISTOR
Q674	BUZ71AF1	TRANSISTOR
Q681	BC557B	TRANSISTOR
Q682	2SA1535LB	TRANSISTOR
Q1071	BC817-25	TRANSISTOR
Q1091	BC817-25	TRANSISTOR
Q1123	BC847B	TRANSISTOR
Q1163	BC847B	TRANSISTOR
Q1167	BC857B	TRANSISTOR
Q1172	BC847B	TRANSISTOR
Q1182	BC847B	TRANSISTOR
Q1192	BC847B	TRANSISTOR
Q1221	BC847B	TRANSISTOR
Q1222	BC847B	TRANSISTOR
Q1267	BC847B	TRANSISTOR
Q1382	BC857B	TRANSISTOR
Q1466	BC860B	TRANSISTOR
Q1476	BC860B	TRANSISTOR
Q1486	BC860B	TRANSISTOR
Q1496	BC860B	TRANSISTOR
Q1612	BC847B	TRANSISTOR
Q1631	BC847B	TRANSISTOR
Q1633	BC847B	TRANSISTOR
Q1636	BC857B	TRANSISTOR
Q1641	BC847B	TRANSISTOR
Q1643	BC847B	TRANSISTOR
Q1646	BC857B	TRANSISTOR
Q1651	BC847B	TRANSISTOR
Q1653	BC847B	TRANSISTOR
Q1656	BC857B	TRANSISTOR
Q1663	BC847B	TRANSISTOR
Q1664	BC847B	TRANSISTOR
Q1667	BC847B	TRANSISTOR
Q1673	BC847B	TRANSISTOR
Q1812	BC847B	TRANSISTOR
Q1816	BC847B	TRANSISTOR
Q1822	BC847B	TRANSISTOR
Q1824	BC847B	TRANSISTOR
Q1827	BC857B	TRANSISTOR
Q1831	BC847B	TRANSISTOR
Q2601	BC847B	TRANSISTOR
Q2602	BC847B	TRANSISTOR
Q2603	BC847B	TRANSISTOR
Q2604	BC847B	TRANSISTOR
Q2605	BC857B	TRANSISTOR
Q2606	BC857B	TRANSISTOR
Q2607	BC847B	TRANSISTOR
Q2608	BC847B	TRANSISTOR
Q2609	BC857B	TRANSISTOR
Q2610	BC857B	TRANSISTOR
Q2611	BC857B	TRANSISTOR
Q2612	BC857B	TRANSISTOR
Q2613	BC847B	TRANSISTOR
Q2614	BC847B	TRANSISTOR
Q2616	BC847B	TRANSISTOR
Q2651	BC847B	TRANSISTOR
Q2653	BC847B	TRANSISTOR
Q3108	BC847B	TRANSISTOR
Q3109	BC847B	TRANSISTOR
Q3111	BC857B	TRANSISTOR
Q3122	BC847B	TRANSISTOR
Q3126	BC847B	TRANSISTOR
Q3127	BC857B	TRANSISTOR
Q3131	2SB940APLB	TRANSISTOR
Q3136	2SD1264APLB	TRANSISTOR
Q3143	BC847B	TRANSISTOR
Q3162	BC857B	TRANSISTOR
Q3164	BC847B	TRANSISTOR
Q3166	BC857B	TRANSISTOR

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Q3169	BC857B	TRANSISTOR				
Q3172	BC857B	TRANSISTOR				
Q3174	BC847B	TRANSISTOR				
Q3176	BC857B	TRANSISTOR				
Q3179	BC857B	TRANSISTOR				
Q3182	BC857B	TRANSISTOR				
Q3184	BC847B	TRANSISTOR				
Q3186	BC857B	TRANSISTOR				
Q3189	BC857B	TRANSISTOR				
Q3359	BC847B	TRANSISTOR				
Q3368	2SB710A-XR	TRANSISTOR				
Q3371	BC857B	TRANSISTOR				
Q3373	2SC4714RL2	TRANSISTOR				
Q3374	2SC3063RL	TRANSISTOR				
Q3377	2SA1698RL	TRANSISTOR				
Q3381	BC857B	TRANSISTOR				
Q3383	2SC4714RL2	TRANSISTOR				
Q3384	2SC3063RL	TRANSISTOR				
Q3387	2SA1698RL	TRANSISTOR				
Q3391	BC857B	TRANSISTOR				
Q3392	2SA1309ATA	TRANSISTOR				
Q3393	2SC4714RL2	TRANSISTOR				
Q3394	2SC3063RL	TRANSISTOR				
Q3397	2SA1698RL	TRANSISTOR				
Q4701	BC847B	TRANSISTOR				
Q4702	BC847B	TRANSISTOR				
Q4703	BC847B	TRANSISTOR				
Q4704	BF370-126	TRANSISTOR				
Q4705	BF370-126	TRANSISTOR				
Q6111	BC847B	TRANSISTOR				
Q6114	BC847B	TRANSISTOR				
Q6403	BC847B	TRANSISTOR				
Q6413	BC847B	TRANSISTOR				
Q6417	BC857B	TRANSISTOR				
Q6433	BC847B	TRANSISTOR				
Q6443	BC847B	TRANSISTOR				
Q6447	BC857B	TRANSISTOR				

RESISTORS

RL6101	TSE10818	RELAY				
R201	ERD25TJ223	CARBON	0.25W	5%	22KW	
R206	ERG2ANJ223	METAL	2W	5%	22KW	
R259	ERD25TJ473	CARBON	0.25W	5%	47KW	
R462	ERD25TJ101	CARBON	0.25W	5%	100W	
R463	ERD25TJ103	CARBON	0.25W	5%	10KW	
R466	ERD25TJ153	CARBON	0.25W	5%	15KW	
R470	ERD25TJ560	CARBON	0.25W	5%	56W	
R471	ERD25TJ102	CARBON	0.25W	5%	1KW	
R472	ERD25TJ333	CARBON	0.25W	5%	33KW	
R473	ERD25TJ270	CARBON	0.25W	5%	27W	
R477	ERD25TJ684	CARBON	0.25W	5%	680KW	
R478	ERD25TJ332	CARBON	0.25W	5%	3K3W	
R479	ERDS1TJ2R2	CARBON	0.5W	5%	2.2W	
R480	ERD25TJ560	CARBON	0.25W	5%	56W	
R481	ERD25TJ102	CARBON	0.25W	5%	1KW	
R482	ERD25TJ333	CARBON	0.25W	5%	33KW	
R483	ERD25TJ270	CARBON	0.25W	5%	27W	
R484	ERD25TJ273	CARBON	0.25W	5%	27KW	
R485	ERD25TJ561	CARBON	0.25W	5%	560W	
R486	ERD25TJ333	CARBON	0.25W	5%	33KW	
R487	ERD25TJ684	CARBON	0.25W	5%	680KW	
R488	ERD25TJ332	CARBON	0.25W	5%	3K3W	
R489	ERDS1TJ2R2	CARBON	0.5W	5%	2.2W	
R490	ERD25TJ563	CARBON	0.25W	5%	56KW	
R491	ERQ14AJ100	METAL	0.25W	5%	10W	⚠
R492	ERD25TJ102	CARBON	0.25W	5%	1KW	
R493	ERD25TJ473	CARBON	0.25W	5%	47KW	
R494	ERD25TJ684	CARBON	0.25W	5%	680KW	
R496	ERD25TJ103	CARBON	0.25W	5%	10KW	
R497	ERD25TJ103	CARBON	0.25W	5%	10KW	
R498	ERD25TJ103	CARBON	0.25W	5%	10KW	
R499	ERD25TJ473	CARBON	0.25W	5%	47KW	
R521	ERQ14AJ3R3	METAL	0.25W	5%	3R3W	⚠
R526	ERD25TJ560	CARBON	0.25W	5%	56W	
R527	ERDS1TJ152	CARBON	0.5W	5%	1K5W	
R528	ERDS1TJ152	CARBON	0.5W	5%	1K5W	
R531	ERF10ZK6R8	WIRE	10W	5%	6R8W	⚠
R532	ERW2PKR56	WIRE	2W	10%	R56W	⚠
R533	ERDS1TJ220	CARBON	0.5W	5%	22W	
R541	ERG1ANJ152	METAL	1W	5%	1K5W	
R542	ERQ12AJ101	FUSABLE	0.5W	5%	100W	⚠
R543	ERD25TJ103	CARBON	0.25W	5%	10KW	
R546	ERDS1TJ184	CARBON	0.5W	5%	180K	
R548	ERD25TJ223	CARBON	0.25W	5%	22KW	
R549	ERDS1TJ224	CARBON	0.5W	5%	220KW	
R557	ERQ12HKR22	FUSIBLE	0.5W	5%	0R22W	⚠
R559	ERDS1TJ100	CARBON	0.5W	5%	10W	
R561	ERQ12HJ1R5	FUSIBLE	0.5W	5%	1R5W	⚠
R563	ERD25TJ104	CARBON	0.25W	5%	100KW	
R564	ERD25TJ223	CARBON	0.25W	5%	22KW	
R566	ERD25TJ472	CARBON	0.25W	5%	4K7W	
R567	ERD25TJ472	CARBON	0.25W	5%	4K7W	
R568	ERD25TJ1R5	CARBON	0.25W	5%	1R5W	
R569	ERDS1TJ821	CARBON	0.5W	5%	820W	
R572	ERO25CKF1801	METAL	0.25W	1%	1K8W	⚠
R573	ERO25CKF1801	METAL	0.25W	1%	1K8W	⚠
R592	ERD25TJ103	CARBON	0.25W	5%	10KW	
R593	ERD25TJ103	CARBON	0.25W	5%	10KW	
R598	ERD25TJ102	CARBON	0.25W	5%	1KW	
R613	ERF10ZK5R6	WIRE	10W	5%	5R6W	⚠
R614	ERDS1TJ394	CARBON	0.5W	5%	390KW	
R616	ERC12GK154D	SOLID	0.5W	10%	150KW	
R619	232266296706	THERMISTOR				
R621	ERG2FJ183	METAL	0.5W	5%	18KW	⚠
R622	ERDS1TJ394	CARBON	0.5W	5%	390KW	
R623	ERD25TJ472	CARBON	0.25W	5%	4K7W	
R624	ERD25TJ121	CARBON	0.25W	5%	120W	
R625	ERC12GK154D	SOLID	0.5W	10%	150KW	
R626	ERG2FJ183	METAL	0.5W	5%	18KW	⚠
R627	ERD25TJ103	CARBON	0.25W	5%	10KW	
R628	ERG3FJ393	METAL	0.25W	5%	39KW	⚠
R629	ERG1ANJ470	METAL	1W	5%	47W	
R630	ERD25TJ270	CARBON	0.25W	5%	27W	
R631	ERD25TJ101	CARBON	0.25W	5%	100W	
R632	ERO25CKF1400	METAL	0.25W	1%	140W	⚠
R633	ERO25CKF3921	METAL	0.25W	1%	3R92KW	⚠
R634	ERDS1TJ1R5	CARBON	0.5W	5%	1R5W	
R636	ERD25TJ473	CARBON	0.25W	5%	47KW	
R639	ERD75TAJ825	CARBON	0.75W	5%	8M2W	⚠
R651	ERDS1TJ474	CARBON	0.5W	5%	470KW	
R666	ERO25CKF3301	METAL	0.25W	1%	3K3W	⚠
R667	ERO25CKF3900	METAL	0.25W	1%	3R9KW	⚠
R668	ERD25TJ103	CARBON	0.25W	5%	10KW	
R674	ERD25TJ223	CARBON	0.25W	5%	22KW	
R675	ERD25TJ155	CARBON	0.25W	5%	1M5W	
R676	ERO25CKF1002	METAL	0.25W	1%	10KW	⚠
R677	ERO25CKF1002	METAL	0.25W	1%	10KW	⚠
R678	ERD25TJ121	CARBON	0.25W	5%	120W	
R680	ERQ12HJ1R5	FUSIBLE	0.5W	5%	1R5W	⚠
R681	ERDS1TJ4R7	CARBON	0.5W	5%	4R7W	

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R682	ERD25TJ222	CARBON	0.25W	5%	2K2W	
R683	ERG3FJ101	METAL	3W	5%	100W	⚠
R684	ERD25TJ682	CARBON	0.25W	5%	6K8W	
R686	NKS2	FUSABLE	0.25W	5%	0.1W	
R688	NKS2	FUSABLE	0.25W	5%	0.1W	
R1001	ERQ14AJ3R3	METAL	0.25W	5%	3R3W	⚠
R1011	ERQ14AJ100	METAL	0.25W	5%	10W	⚠
R1019	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1020	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1021	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	
R1022	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	
R1023	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1024	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1031	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	
R1032	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	
R1033	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1034	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1036	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1038	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1041	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1042	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1071	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	
R1072	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1073	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R1074	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R1091	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	
R1092	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1093	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R1094	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R1095	ERJ6GEYJ474	S.M.CARB	0.1W	5%	470KW	
R1116	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R1117	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R1120	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1121	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1122	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1123	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R1124	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1125	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1126	ERQ14AJ100	METAL	0.25W	5%	10W	⚠
R1127	ERJ6GEY0R00	WIRE LINK				
R1131	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1132	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1133	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1151	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1152	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R1153	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R1156	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W	
R1158	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1159	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1161	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8W	
R1162	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KW	
R1163	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R1166	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1167	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1168	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68W	
R1169	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R1171	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1172	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R1173	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1174	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1177	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560W	
R1178	ERQ14AJ100	METAL	0.25W	5%	10W	⚠
R1181	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1182	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1183	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68W	
R1184	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1185	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1191	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1192	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1193	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68W	
R1194	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1195	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1221	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	
R1222	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	
R1225	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1237	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1241	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R1242	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R1251	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1261	ERJ6GEY0R00	WIRE LINK				
R1263	ERJ8GEYJ104	S.M.CAR	0.125W	5%	100KW	
R1264	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R1266	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68W	
R1267	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1268	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1269	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1270	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W	
R1271	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1272	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1273	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W	
R1276	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R1277	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R1281	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	
R1282	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1283	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	
R1284	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1349	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	
R1381	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22KW	
R1382	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	
R1386	ERJ6GEY0R00	WIRE LINK				
R1412	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R1464	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1465	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18KW	
R1466	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R1467	ERJ6GEY0R00	WIRE LINK				
R1474	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1476	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R1477	ERJ6GEY0R00	WIRE LINK				
R1484	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1486	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R1487	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R1494	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1496	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R1497	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R1608	ERJ6GEY0R00	WIRE LINK				
R1612	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1613	ERJ6GEYJ560	S.M.CARB	0.1W	5%	56W	
R1614	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330W	
R1615	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W	
R1616	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1617	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KW	
R1618	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1619	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1621	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R1622	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R1623	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12KW	
R1624	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KW	
R1627	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R1630	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1631	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W	
R1632	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390W	
R1633	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R1634	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	
R1636	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	

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TX-25AD1D

R1637	ERJ8GEYJ471	S.M.CAR	0.125W	5%	470W
R1641	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W
R1642	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390W
R1643	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1644	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R1646	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1647	ERJ8GEYJ471	S.M.CAR	0.125W	5%	470W
R1652	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390W
R1653	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1654	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R1656	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1657	ERJ8GEYJ471	S.M.CAR	0.125W	5%	470W
R1661	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1664	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1666	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1667	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW
R1669	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1671	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1672	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1673	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1674	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1680	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1681	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1682	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R1683	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1684	ERJ6GEY0R00	WIRE LINK			
R1691	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1692	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1693	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1694	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1696	ERJ8GEYJ103	S.M.CAR	0.125W	5%	10KW
R1698	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1717	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1718	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1753	ERJ6GEY0R00	WIRE LINK			
R1807	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R1808	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1809	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1811	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1812	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1815	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1816	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R1819	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1821	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1822	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9W
R1823	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1824	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R1825	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1826	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56KW
R1827	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39KW
R1828	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1829	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1831	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9W
R1832	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1837	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1838	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330W
R1840	ERJ6GEY0R00	WIRE LINK			
R1842	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1843	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1844	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1845	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W
R1847	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1849	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1851	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1856	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1857	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1858	ERJ8GEYJ103	S.M.CAR	0.125W	5%	10KW
R1859	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1863	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1872	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1873	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1878	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1879	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1882	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1884	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R1885	ERJ8GEY0R00	METAL	0.125W	1%	0W
R1886	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R1887	ERJ6GEY0R00	WIRE LINK			
R1888	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1889	ERJ8GEY0R00	METAL	0.125W	1%	0W
R1893	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1897	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1920	ERJ8GEYJ472	S.M.CAR	0.125W	5%	4K7W
R1921	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1925	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330W
R1933	ERJ6GEY0R00	WIRE LINK			
R1941	ERJ6GEY0R00	WIRE LINK			
R1953	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1957	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1958	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1959	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1961	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1962	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1963	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1964	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1983	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1993	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R2601	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R2602	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2603	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R2607	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2609	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2610	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2612	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2613	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2616	ERJ6GEY0R00	WIRE LINK			
R2617	ERJ6GEY0R00	WIRE LINK			
R2620	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2621	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2622	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2623	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560W
R2624	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2625	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560W
R2626	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R2627	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R2628	ERJ6GEY0R00	WIRE LINK			
R2631	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R2632	ERJ6GEY0R00	WIRE LINK			
R2633	ERJ6GEY0R00	WIRE LINK			
R2634	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R2636	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R2637	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R2638	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R2639	ERJ6GEYJ754	S.M.CARB	0.1W	5%	750KW
R2640	ERJ6GEYJ121	S.M.CARB	0.1W	5%	120W
R2641	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2642	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R2643	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KW
R2651	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R2652	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W
R2653	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R2654	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W

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TX-25AD1D

R2655	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R2656	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W	
R2658	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R2659	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W	
R2660	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	
R2662	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R2664	ERJ6GEYJ335	S.M.CARB	0.1W	5%	3M3W	
R2665	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R2666	ERJ6GEY0R00	WIRE LINK				
R2667	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R2668	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	
R2669	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270W	
R2670	ERJ6GEYJ511	S.M.CARB	0.1W	5%	510W	
R2671	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7W	
R2672	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2W	
R2673	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R2675	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W	
R2676	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R2677	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W	
R2680	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3101	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W	
R3102	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W	
R3103	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W	
R3106	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56KW	
R3107	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	
R3108	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3109	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R3111	ERDS1FYJ222	CARBON	0.5W	5%	2K2W	⚠
R3112	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R3113	ERD25TJ681	CARBON	0.25W	5%	680W	
R3121	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	
R3122	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R3123	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3124	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W	
R3126	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2W	
R3127	ERQ14AJ100	METAL	0.25W	5%	10W	⚠
R3128	ERQ14AJ820	METAL	0.25W	5%	82W	⚠
R3129	ERQ14AJ820	METAL	0.25W	5%	82W	⚠
R3130	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3131	ERD25TJ563	CARBON	0.25W	5%	56KW	
R3132	ERD25TJ122	CARBON	0.25W	5%	1K2W	
R3133	ERD25TJ2R7	CARBON	0.25W	5%	2R7W	
R3134	ERDS1FVJ390	CARBON	0.5W	5%	39W	⚠
R3135	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3136	ERD25TJ563	CARBON	0.25W	5%	56KW	
R3137	ERD25TJ122	CARBON	0.25W	5%	1K2W	
R3138	ERD25TJ2R7	CARBON	0.25W	5%	2R7W	
R3139	ERDS1FVJ390	CARBON	0.5W	5%	39W	⚠
R3141	ERDS1FYJ101	CARBON	0.5W	5%	100W	⚠
R3142	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	
R3143	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R3144	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W	
R3146	ERDS1FYJ181	CARBON	0.5W	5%	180W	⚠
R3152	ERQ12HJ102	METAL	0.5W	5%	1KW	⚠
R3153	ERQ14AJ3R9	FUSIBLE	0.25W	5%	3R9W	⚠
R3160	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3161	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3162	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3163	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	
R3164	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3166	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3167	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3168	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3169	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2W	
R3170	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3171	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3172	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3173	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	
R3174	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3176	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3177	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3178	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3179	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2W	
R3180	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3181	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3182	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3183	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	
R3184	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3186	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3187	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R3188	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3189	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2W	
R3307	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R3308	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R3309	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	
R3354	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3358	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3359	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	
R3365	ERD25TJ220	CARBON	0.25W	5%	22W	
R3366	ERQ12AJ101	FUSABLE	0.5W	5%	100W	⚠
R3367	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3368	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	
R3369	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8W	
R3370	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3371	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7W	
R3372	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	
R3373	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R3374	ERDS1TJ913	CARBON	0.5W	5%	91KW	
R3375	ERG2ANJ183	METAL	2W	5%	18KW	
R3376	ERD25TJ561	CARBON	0.25W	5%	560W	
R3378	ERC12GK332V	SOLID	0.5W	10%	3K3W	
R3379	ERD25TJ103	CARBON	0.25W	5%	10KW	
R3380	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3381	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7W	
R3382	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	
R3383	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R3384	ERDS1TJ913	CARBON	0.5W	5%	91KW	
R3385	ERG2ANJ183	METAL	2W	5%	18KW	
R3386	ERD25TJ561	CARBON	0.25W	5%	560W	
R3388	ERC12GK332V	SOLID	0.5W	10%	3K3W	
R3389	ERD25TJ103	CARBON	0.25W	5%	10KW	
R3390	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	
R3391	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7W	
R3392	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	
R3393	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R3394	ERDS1TJ913	CARBON	0.5W	5%	91KW	
R3395	ERG2ANJ183	METAL	2W	5%	18KW	
R3396	ERD25TJ561	CARBON	0.25W	5%	560W	
R3398	ERC12GK332V	SOLID	0.5W	10%	3K3W	
R3399	ERD25TJ103	CARBON	0.25W	5%	10KW	
R4701	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R4702	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R4703	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	
R4705	ERJ6GEY0R00	WIRE LINK				
R4707	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68KW	
R4708	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	
R4709	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R4710	ERJ6GEYJ181	S.M.CARB	0.1W	5%	180W	
R4711	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R4713	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R4714	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R4715	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W	
R4716	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R4717	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	

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R4718	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R4719	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12KW
R4720	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8W
R4721	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R4740	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W
R4743	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8W
R4744	ERJ6GEYJ181	S.M.CARB	0.1W	5%	180W
R4745	ERJ6GEY0R00	WIRE LINK			
R4746	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R4747	ERJ6GEY0R00	WIRE LINK			
R4748	ERJ6GEY0R00	WIRE LINK			
R4750	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R4751	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56KW
R4752	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R4753	ERJ6GEYJ121	S.M.CARB	0.1W	5%	120W
R4754	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270W
R4755	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R4756	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R4757	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8W
R4758	ERJ6GEY0R00	WIRE LINK			
R4759	ERJ6GEY0R00	WIRE LINK			
R4760	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R4771	ERJ6GEY0R00	WIRE LINK			
R4772	ERJ6GEY0R00	WIRE LINK			
R6102	ERD25TJ151	CARBON	0.25W	5%	150W
R6111	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R6112	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R6113	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R6114	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R6301	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R6302	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R6305	ERJ6GEY0R00	WIRE LINK			
R6401	ERD25TJ220	CARBON	0.25W	5%	22W
R6402	ERD25TJ220	CARBON	0.25W	5%	22W
R6403	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R6404	ERJ6GEY0R00	WIRE LINK			
R6405	ERJ6GEY0R00	WIRE LINK			
R6406	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R6407	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R6408	ERJ6GEY0R00	WIRE LINK			
R6411	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R6412	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27KW
R6413	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R6416	ERD25TJ101	CARBON	0.25W	5%	100W
R6417	ERD25TJ101	CARBON	0.25W	5%	100W
R6418	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W
R6433	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R6436	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R6437	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R6438	ERJ6GEY0R00	WIRE LINK			
R6441	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R6442	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27KW
R6443	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R6446	ERD25TJ101	CARBON	0.25W	5%	100W
R6447	ERD25TJ101	CARBON	0.25W	5%	100W
R6448	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W
R6811	ERC12ZGK335D	SOLID	0.5W	10%	3M3W

SWITCHES

S6304	EVQPB105K	SWITCH
S6305	EVQPB105K	SWITCH
S6306	EVQPB105K	SWITCH
S6307	EVQPB105K	SWITCH
S6308	EVQPB105K	SWITCH
S6811	ESB91232A	SWITCH ⚠

TRANSFORMERS

T528	5270103200	TRANSFORMER
T531	ZTFH65005A	TRANFORMER
T639	ETS39AH117AC	TRANSFORMER
T6101	BV030-7395.0	TRANSFORMER

FILTERS

X1321	TSS4004-B	CRYSTAL
X1608	TSS2169-B	CRYSTAL
X1854	TSS4007-B	CRYSTAL
X2651	TAFCSB503F35	CRYSTAL
X2652	TSS4006-B	CRYSTAL (10082031)
X4703	EFCV3095A6	CHIP FILTER
X4704	G3355K	SAW FILTER
X4706	EFCS5M7MW3	CERAMIC FILTER

PARTS FOR TX - 29AD1D ONLY

MISCELLANEOUS COMPONENTS

2)	TKU8E00156	REAR COVER	⚠
3)	TKY8E031	CABINET	⚠
4)	A68ESF002X11	CRT	⚠
6)	TLK8E05116	DEGAUSS COIL	
7)	TNP117037AC	Y P.C.B.	⚠
9)	TNP197087AD	E P.C.B.	⚠
10)	TNP117034AG	A P.C.B.	⚠
13)	TMX8E005	CHASSIS FRAME	
16)	EAGG1201D2	SPEAKER ASSEMBLY	
17)	TBM8E1437	BACKCOVER LABEL	
	TBM8E1359	INDICATION SHEET	
	TBM8E1360	INDICATION SHEET	
	TKP8E1110	FRONT PANEL (RIGHT)	
	TKP8E1111	FRONT PANEL (LEFT)	
	TPC8E4446	OUTER CARTON	

CAPACITORS

C209	ECQB1H104J	FILM	50V	100nF	
C501	ECKC1H103JB	CERAMIC	50V	10nF	
C511	ECQM1H393J	FILM	50V	0.039mF	
C534	ECWH12H562J	CERAMIC	500V	5600pF	⚠
C537	ECQF4273JZH	FILM	400V	0.027mF	
C541	ECWF2H105J	FILM	500V	1000nF	⚠
C565	ECKC2H151J	CERAMIC	500V	150pF	⚠
C567	ECQB1H223K	FILM	50V	22nF	
C568	222236516224	FILM	160V	220nF	
C576	ECQM1H684J	FILM	50V	680nF	
C578	222236516154	FILM	160V	150nF	
C583	ECQB1H333J	FILM	50V	33nF	
C591	ECA1HW4R7UE	ELECT	50V	4.7mF	
C597	ECQB1H332K	FILM	50V	3.3nF	
C1622	ECEA1CU100	ELECT	16V	10mF	
C1625	ECUV1H101JCX	S.M. CAP	50V	100pF	
C1672	ECEA1CU100	ELECT	16V	10mF	
C1802	ECEA1CU470	ELECT	16V	47mF	
C1977	ECEA1CU470	ELECT	16V	47mF	
C2628	ERJ6GEY0R00	WIRE LINK			
C2645	ECUV1H331JCX	S.M. CAP	50V	330pF	
C2670	ECEA1HKA2R2	ELECT	50V	2.2mF	
C2673	ECUV1H220JCX	S.M. CAP	50V	22pF	
C3187	ECUV1H121JCX	S.M. CAP	50V	120pF	
C3364	ECKC3A331J	CERAMIC	1000V	330pF	⚠
C3371	ECUV1H120JCX	S.M. CAP	50V	12pF	
C3381	ECUV1H080CCX	S.M. CAP	50V	80pF	
C3391	ECUV1H120JCX	S.M. CAP	50V	12pF	
C6104	ECEA1HU101	ELECT	50V	100mF	
C6418	ECUV1H103ZFX	S.M. CAP	50V	10nF	
C6448	ECUV1H103ZFX	S.M. CAP	50V	10nF	

DIODES

D507	MA723TA5	DIODE
D508	MA723TA5	DIODE
D568	MA2100LFS	DIODE
D624	BYT56K15/10	DIODE

INTEGRATED CIRCUITS

I1011	TEA6420/L	AUDIO SWITCH
I1601	VDP3108	VIDEO PROCESSOR
I1751	81C1000A-70P	DRAM
I1801	CCU3000I-04	CENTRAL CONTROL UNIT

SOCKETS / TERMINALS / LINK WIRES

JC1092	ERJ8GEY0R00	METAL 0.125W 1% 0W

COILS

L206	EXCELSA35T	COIL
L507	ELESN331KA	COIL
L511	297-23477	TRANSFORMER
L541	ELH5L7002	COIL
L594	297-017696	COIL
L1614	EXCELDR35V	COIL

TRANSISTORS

Q506	2SK301TA	TRANSISTOR
Q1609	BC847B	TRANSISTOR

RESISTORS

R501	ERD25TJ470	CARBON	0.25W	5%	47W	
R507	ERD25TJ2R2	CARBON	0.25W	5%	2R2W	
R570	ERG2SJ102	METAL	2W	5%	1K0W	
R574	ERW12PKR56	WIREWOUND	0.5W	10%	R56W	⚠
R576	ERD25TJ682	CARBON	0.25W	5%	6K8W	
R577	ERD25TJ822	CARBON	0.25W	5%	8K2W	
R578	ERD25TJ680	CARBON	0.25W	5%	68W	
R579	ERD25TJ332	CARBON	0.25W	5%	3K3W	
R583	ERD25TJ103	CARBON	0.25W	5%	10KW	
R584	ERO25CKF1002	METAL	0.25W	1%	10KW	⚠
R591	ERD25TJ472	CARBON	0.25W	5%	4K7W	
R594	ERD25TJ394	CARBON	0.25W	5%	390KW	
R595	ERD25TJ473	CARBON	0.25W	5%	47KW	
R596	ERD25TJ473	CARBON	0.25W	5%	47KW	
R597	ERD25TJ475	CARBON	0.25W	5%	4M7W	
R599	ERD25TJ103	CARBON	0.25W	5%	10KW	
R1050	ERD50TJ102	CARBON	0.5W	5%	1KW	
R1609	ERJ8GEYJ273	S.M.CAR	0.125	5%	27KW	
R1626	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R1891	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	
R1922	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W	
R2615	ERJ6GEY0R00	WIRE LINK				
R2640	ERJ6GEY0R00	WIRE LINK				
R2644	ERJ6GEY0R00	WIRE LINK				
R2645	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R2646	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	
R2649	ERJ6GEY0R00	WIRE LINK				
R2681	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3104	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	
R3361	ERQ12HJR39	FUSABLE	0.5W	5%	0R39W	⚠
R3362	ERC12GK105D	SOLID	0.5W	10%	1MW	
R3364	ERC12GK821D	SOLID	0.5W	10%	820W	
R3377	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W	
R3387	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W	
R3397	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W	

PARTS FOR TX - 25AD1D ONLY

MISCELLANEOUS COMPONENTS

2)	TKU8E00157	REAR COVER	⚠
3)	TKY8E032	CABINET	⚠
4)	A59EEH048201	C.R.T.	⚠
6)	TLK8E05115	DEGAUSSING COIL	
7)	TNP117037AF	Y P.C.B.	⚠
9)	TNP197087AG	E P.C.B.	⚠
10)	TNP117034AB	A P.C.B.	⚠
13)	TMX8E005	CHASSIS FRAME	
16)	EAGG1201C2	SPEAKER ASSEMBLY	
17)	TBM8E1436	BACKCOVER LABEL	
	TPC8E4448	OUTER CARTON	
	TSKA033	COIL	
	TKP8E1112	FRONT PANEL (RIGHT)	
	TKP8E1113	FRONT PANEL (LEFT)	
	TBM8E1359	INDICATION SHEET	
	TBM8E1360	INDICATION SHEET	

CAPACITORS

C205	ECKC1H102J	CERAMIC	50V	1000pF	
C461	ECKC1H821J	CERAMIC	50V	820pF	
C464	ECQM1H104J	FILM	50V	100nF	
C525	ECKC1H271J	CERAMIC	50V	270pF	
C534	ECWH12H392J	FILM	1250V	3900mF	⚠
C537	ECQF4393JZH	FILM	400V	0.039mF	
C539	ECKC3D681J	CERAMIC	2KV	680pF	⚠
C541	ECWF2H824J	FILM	500V	820nF	⚠
C567	ECQB1H333J	FILM	50V	33nF	
C568	ECQM1H394J	FILM	50V	390nF	
C578	222236576104	FILM	760V	100nF	
C591	ECEA1HGE4R7	ELECT	50V	4.7mF	
C620	ECKC2H561J	CERAMIC	500V	560pF	⚠
C1622	ECEA0JU102	ELECT	6.3V	1000mF	
C1625	ERJ6GEYJ151	S.M.CARB	0.1W	5% 150W	
C1628	ECEA0JU102	ELECT	6.3V	1000mF	
C1672	ECEA0JU101	ELECT	6.3V	100mF	
C1802	ECEA0JU471	ELECT	6.3V	470mF	
C1977	ECEA0JU471	ELECT	6.3V	470mF	
C2601	ECUV1H180JCX	S.M. CAP	50V	18pF	
C2602	ECUV1H220JCX	S.M. CAP	50V	22pF	
C2624	ECEA1CKA101	ELECT	16V	100mF	
C2626	ECUV1H271JCX	S.M. CAP	50V	270pF	
C2628	ECUV1H180JCX	S.M. CAP	50V	18pF	
C2629	ECUV1H271JCX	S.M. CAP	50V	270pF	
C2637	ECCR1H330J	CERAMIC	50V	33pF	
C2645	ECUV1H390JCX	S.M. CAP	50V	39pF	
C2670	ECEA1HKAR33	ELECT	50V	R33mF	
C2673	ECUV1H820JCX	S.M. CAP	50V	82pF	
C3187	ECUV1H270JCX	S.M. CAP	50V	27pF	
C3364	ECKC1H222J	CERAMIC	50V	2.2nF	
C3371	ECUV1H150JCX	S.M. CAP	50V	15pF	
C6104	ECEA0JU222	ELECT	6.3V	2200mF	
C6418	ECKC1H103JB	CERAMIC	50V	10nF	
C6448	ECKC1H103JB	CERAMIC	50V	10nF	

DIODES

D521	MA170	DIODE
D624	BYT56KRA1510	DIODE
D1601	MA170	DIODE
D1614	MA165TA5	DIODE
D1672	PMLL4148L	DIODE

INTEGRATED CIRCUITS

I1011	TEA6420	AUDIO SWITCH
I1601	VDP3108-25	VIDEO PROCESSOR
I1751	TC511000AJ80	D RAM
I1801	CCU3000I-05	CENTRAL CONTROL UNIT

SOCKETS/TERMINALS/LINK WIRES

JC1111	ERJ6GEY0R00	WIRE LINK
JC1121	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1122	ERJ8GEY0R00	METAL 0.125W 1% 0W

COILS

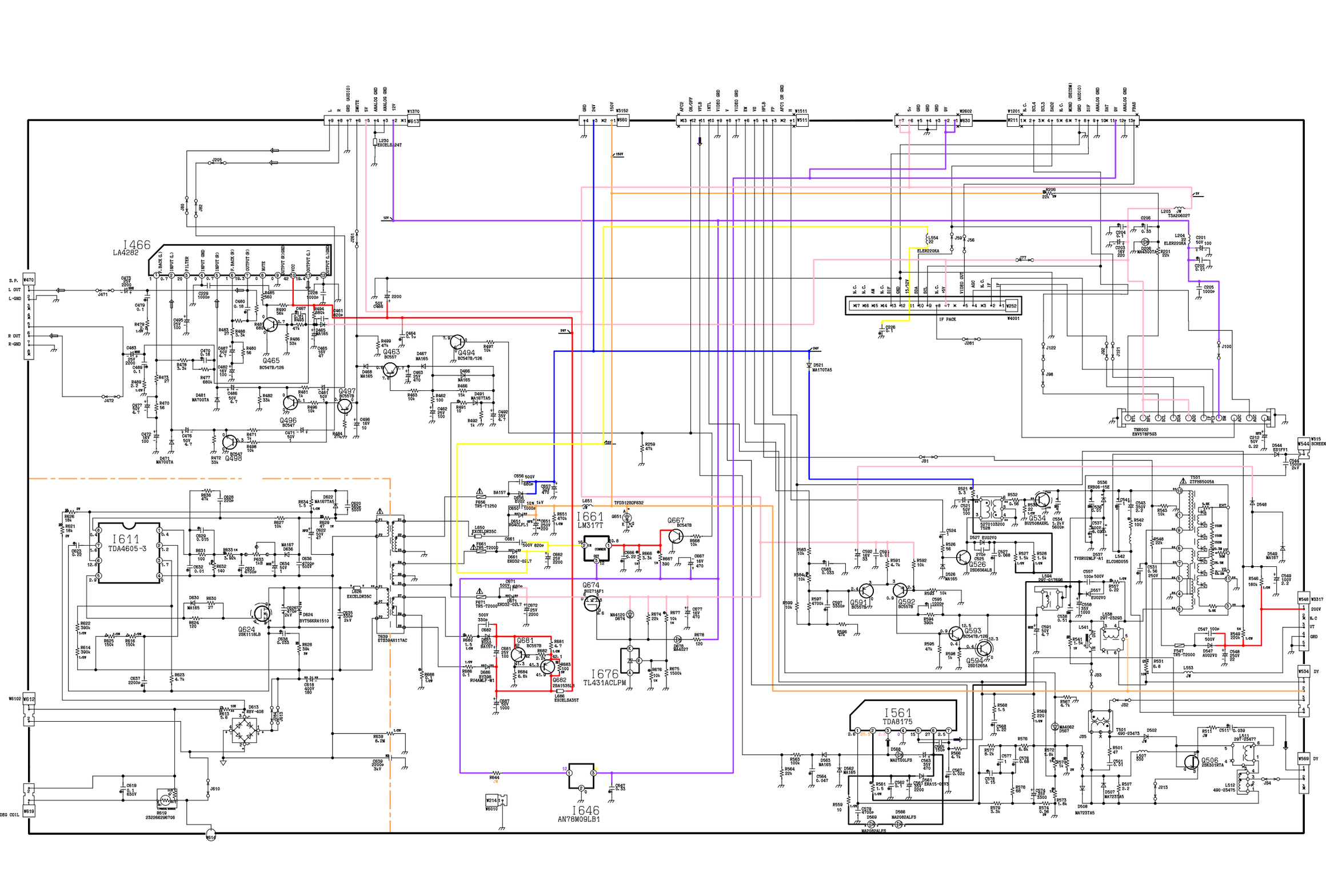
L541	ELH5L421	COIL
L594	297-23294	COIL
L2601	TLT390K991R	COIL
L2606	ELESN4R7KA	COIL
L2637	ELESN6R8KA	COIL

TRANSISTORS

Q2615	BC857B	TRANSISTOR

RESISTORS

R574	ERW12PKR82	WIREWOUND	0.5W	10%	R82W	⚠
R576	ERD25TJ183	CARBON	0.25W	5%	18KW	
R577	ERD25TJ223	CARBON	0.25W	5%	22KW	
R578	ERD25TJ470	CARBON	0.25W	5%	47W	
R579	ERD25TJ103	CARBON	0.25W	5%	10KW	
R580	ERG1SJ561	METAL	1W	5%	560W	
R581	ERG2FJ221	METAL	2W	5%	220W	⚠
R583	ERD25TJ472	CARBON	0.25W	5%	4K7W	
R591	ERD25TJ102	CARBON	0.25W	5%	1KW	
R594	ERD25TJ104	CARBON	0.25W	5%	100KW	
R595	ERD25TJ472	CARBON	0.25W	5%	4K7W	
R596	ERD25TJ563	CARBON	0.25W	5%	56KW	
R1626	ECUV1H151JCX	S.M. CAP	50V		150PF	
R1670	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	
R1922	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	
R2604	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W	
R2605	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390W	
R2606	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W	
R2608	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W	
R2619	ERJ6GEY0R00	WIRE LINK				
R2644	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R2645	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W	
R2646	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W	
R2647	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	
R2648	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	
R3104	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3360	ERC12GK225V	SOLID	0.5W	10%	22MW	
R3361	ERQ12HKR39	METAL	0.5W	5%	0R39W	⚠
R3362	ERC12GK824V	SOLID	0.5W	10%	820KW	
R3364	ERC12GK105D	SOLID	0.5W	10%	1MW	
R3377	ERJ6GEY0R00	WIRE LINK				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Q667
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W1201
W4001
W315
W3317
W534
W568
W612
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W6102
W6610
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W548
W470
J205
J206
J252
J281
J122
J121
J100
J98
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J62
J61
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J472
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J52
J53
J54
J55
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D508
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MA723TA5
D502
D548
D549
MA167
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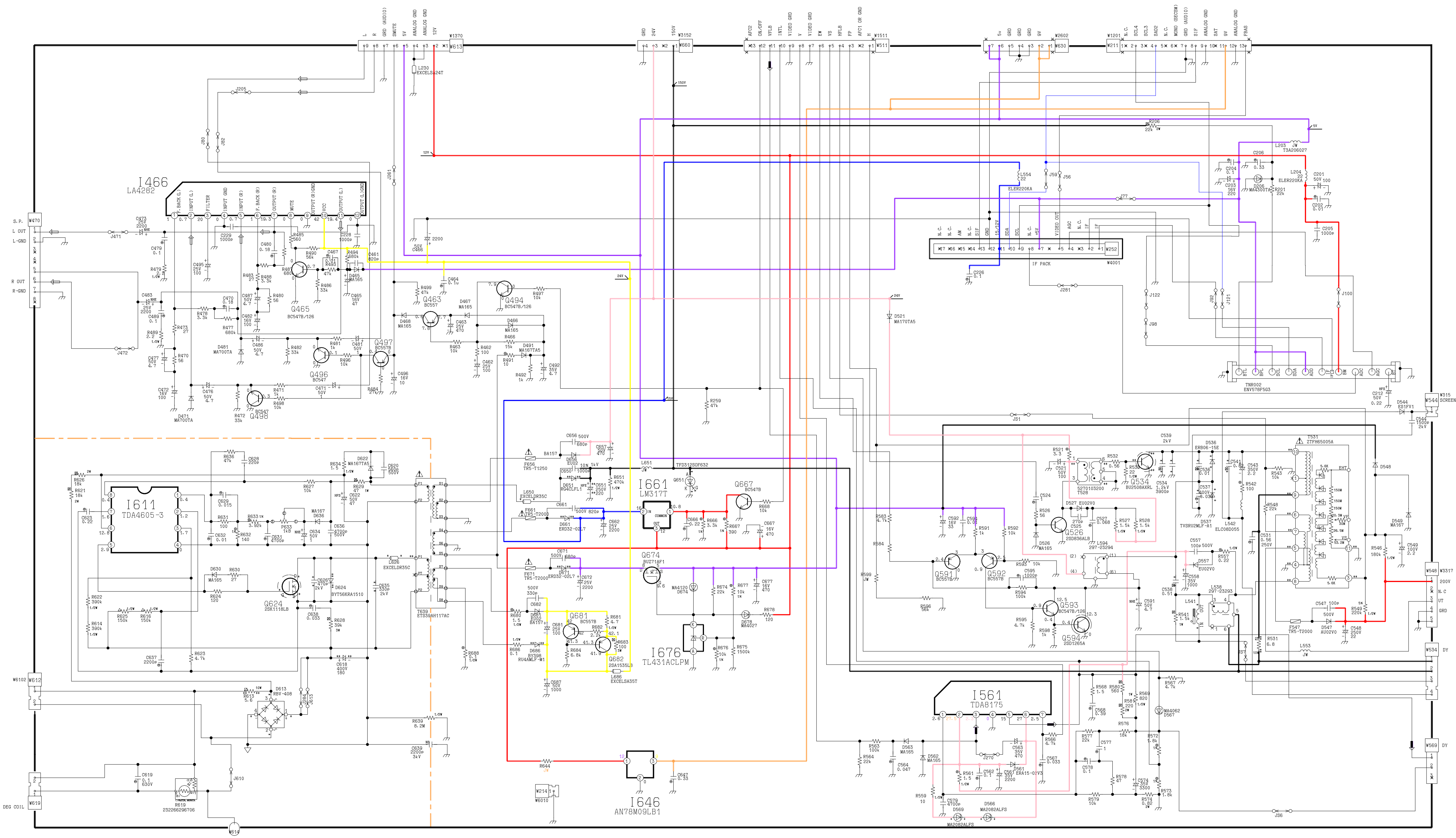
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T528 5270103200
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IF PACK W4001
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L-GND
R OUT
R-GND
W1370 W613
W3152 W660
W1511 W511
W2602 W630
W1201 W211
W252
W6102 W612
W619 DEG COIL
W614
W214 W6010
W315 W544 SCREEN
W3317 W548 200V N.C UT GRD
W534 DY
W569 DY
R619 232266296706
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L650 EXCELDR35C
L626 EXCELDR35C
L686 EXCELSA35T
L651 JW TFD312S0F632
L203 JW T3A206027
L204 22 ELER220KA
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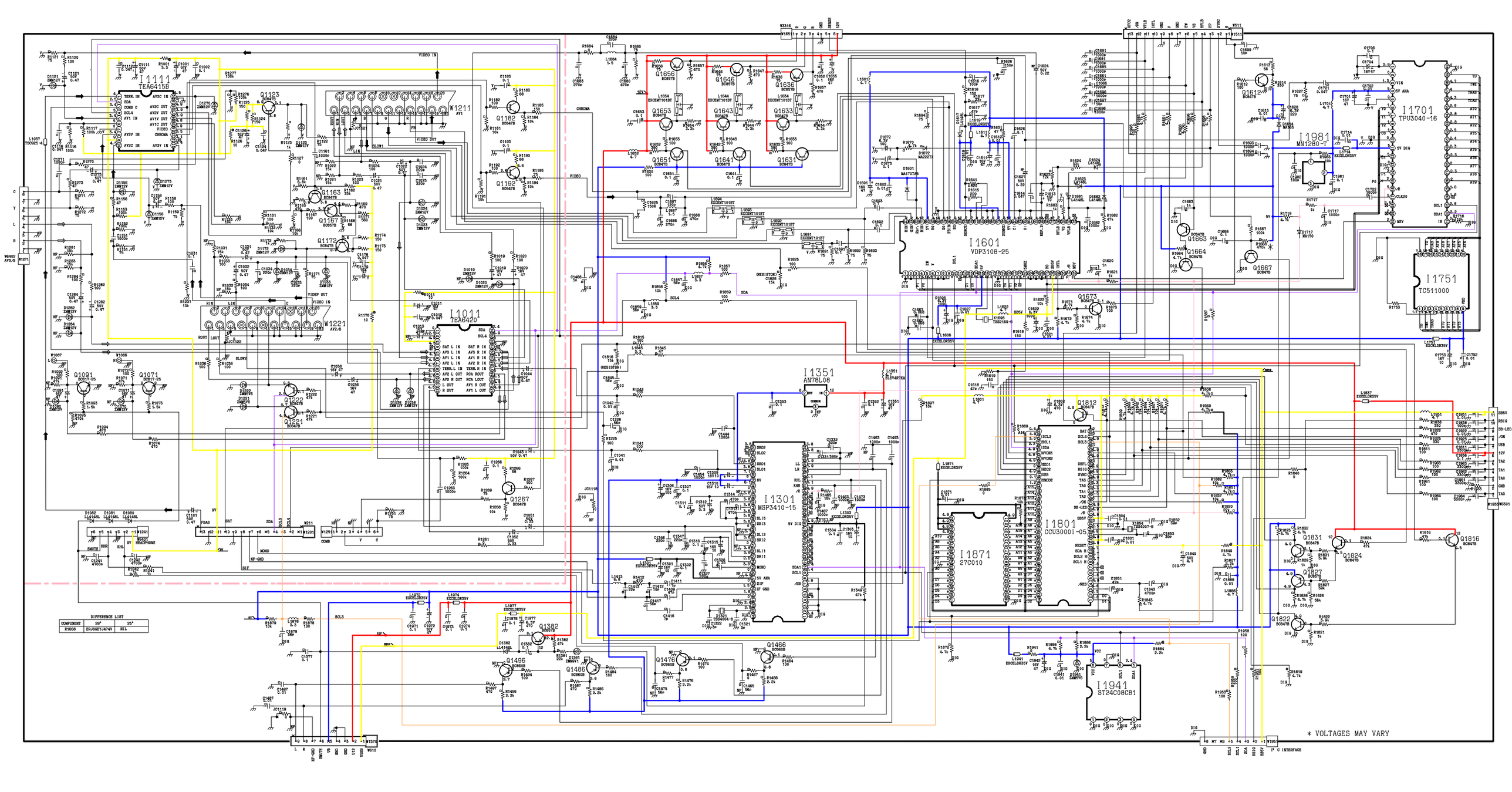
150V
5V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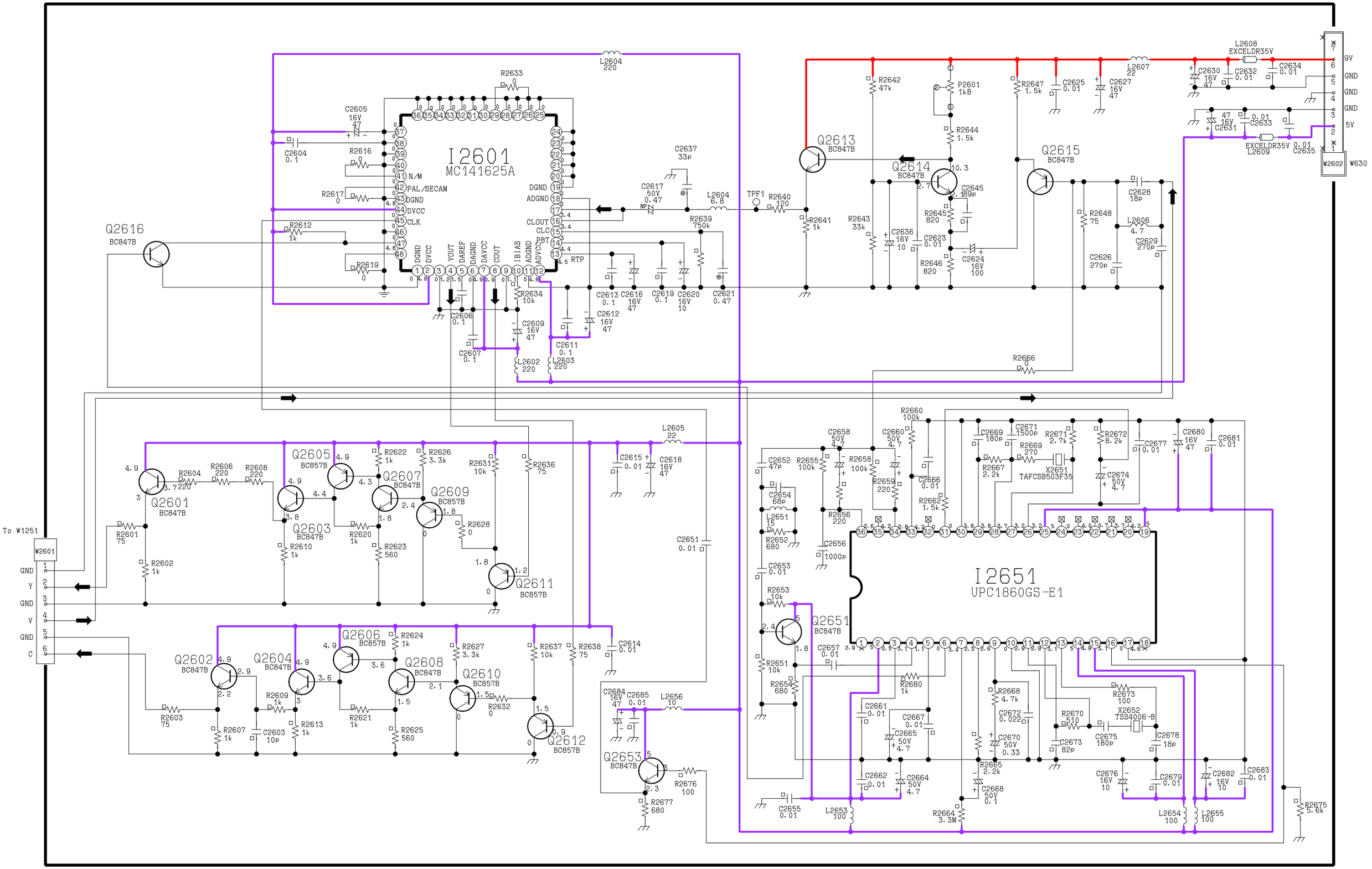
MN1280-T
I1751
TC511000
I1801
CCU3000I-05
I1871
27C010
I1941
ST24C08CB1
VIDEO IN
VIDEO OUT
CHROMA
SCL3
SDA3
* VOLTAGES MAY VARY
I²C INTERFACE
DIFFERENCE LIST
COMPONENT | 20" | 25"
R1668 | ERJ6GEYJ474V | NIL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Q2610
Q2611
Q2612
Q2613
Q2614
Q2615
Q2616
Q2651
Q2653
BC847B
BC857B
To W1251
W2601
W2602
W630
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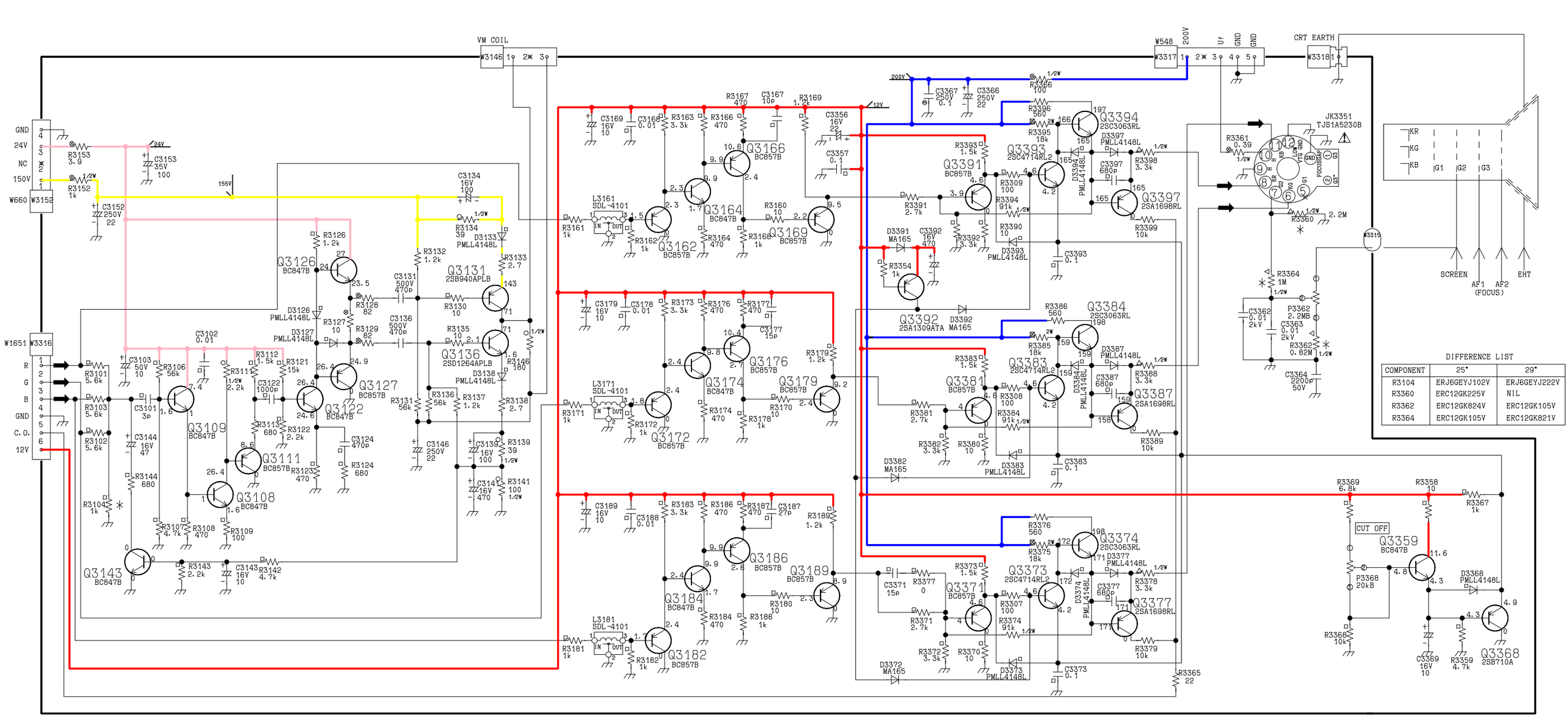
9V
GND
5V
RTP
TPF1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GND
CRT EARTH
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JK3351
TJS1A5230B
W660
W3152
GND
24V
NC
150V
W3316
W1651
R
G
B
GND
C.O.
12V
155V
SCREEN
AF1
AF2
(FOCUS)
EHT
KR
KG
KB
G1
G2
G3
DIFFERENCE LIST
COMPONENT
25"
29"
R3104
ERJ6GEYJ102V
ERJ6GEYJ222V
R3360
ERC12GK225V
NIL
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R3364
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100
C3152
250V
22
C3153
35V
100
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C3103
50V
10
C3101
3p
C3144
16V
47
C3143
16V
10
C3146
250V
22
C3139
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C3314
16V
470
C3124
470p
C3122
1000p
C3131
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470p
C3136
500V
470p
C3166
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10
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10p
C3356
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C3179
16V
10
C3177
15p
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C3189
16V
10
C3187
27p
C3366
250V
22
C3367
250V
0.1
C3391
16V
470
C3392
16V
470
C3393
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C3383
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C3373
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15p
C3377
680p
C3387
680p
C3397
680p
C3362
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2kV
C3363
0.01
2kV
C3364
2200p
50V
C3369
16V
10
R3101
5.6k
R3103
5.6k
R3102
5.6k
R3104
1k
R3106
56k
R3107
4.7k
R3108
470
R3109
100
R3111
2.2k
R3112
1.5k
R3113
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R3122
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R3123
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R3124
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R3143
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R3144
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3.9
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R3172
1k
R3173
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R3174
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R3176
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R3372
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R3374
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R3370
10
R3376
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R3375
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R3379
10k
R3378
3.3k
R3307
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R3308
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R3309
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R3360
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R3361
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R3143
2.2k
R3142
4.7k
R3144
680
R3102
5.6k
R3103
5.6k
R3101
5.6k
R3152
1k
R3153
3.9
C3314
16V
470
C3139
16V
100
C3146
250V
22
C3124
470p
C3122
1000p
C3131
500V
470p
C3136
500V
470p
C3102
0.01
C3103
50V
10
C3101
3p
C3144
16V
47
C3143
16V
10
C3134
16V
100
C3152
250V
22
C3153
35V
100
C3357
0.1
C3356
16V
22
C3366
250V
22
C3367
250V
0.1
C3391
16V
470
C3392
16V
470
C3393
0.1
C3383
0.1
C3373
0.1
C3371
15p
C3377
680p
C3387
680p
C3397
680p
C3362
0.01
2kV
C3363
0.01
2kV
C3364
2200p
50V
C3369
16V
10
C3166
0.01
C3169
16V
10
C3167
10p
C3178
0.01
C3179
16V
10
C3177
15p
C3188
0.01
C3189
16V
10
C3187
27p
R3101
5.6k
R3103
5.6k
R3102
5.6k
R3104
1k
R3106
56k
R3107
4.7k
R3108
470
R3109
100
R3111
2.2k
R3112
1.5k
R3113
680
R3121
15k
R3122
2.2k
R3123
470
R3124
680
R3126
1.2k
R3127
10
R3128
82
R3129
82
R3131
56k
R3132
1.2k
R3133
2.7
R3134
39
R3135
10
R3136
56k
R3137
1.2k
R3138
2.7
R3139
39
R3141
100
R3142
4.7k
R3143
2.2k
R3144
680
R3146
180
R3152
1k
R3153
3.9
R3161
1k
R3162
1k
R3163
3.3k
R3164
470
R3166
470
R3160
10
R3168
1k
R3167
470
R3169
1.2k
R3171
1k
R3172
1k
R3173
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R3176
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R3178
1k
R3170
10
R3179
1.2k
R3181
1k
R3182
1k
R3183
3.3k
R3184
470
R3186
470
R3187
470
R3188
1k
R3180
10
R3189
1.2k
R3354
1k
R3356
100
R3391
2.7k
R3392
3.3k
R3394
91k
R3390
10
R3396
560
R3395
18k
R3399
10k
R3398
3.3k
R3381
2.7k
R3382
3.3k
R3384
91k
R3380
10
R3386
560
R3385
18k
R3389
10k
R3388
3.3k
R3371
2.7k
R3372
3.3k
R3374
91k
R3370
10
R3376
560
R3375
18k
R3379
10k
R3378
3.3k
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100
R3308
100
R3309
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0.39
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0.82M
R3364
1M
P3362
2.2MB
P3368
20kB
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10
R3359
4.7k
R3365
22
R3367
1k
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6.8k
R3368
10k
R3393
1.5k
R3383
1.5k
R3373
1.5k
Q3126
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Q3131
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2SD1264APLB
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BC857B
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BC847B
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BC847B
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Q3108
BC847B
Q3143
BC847B
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Q3162
BC857B
Q3164
BC847B
Q3166
BC857B
Q3169
BC857B
Q3171
SDL-4101
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Q3174
BC847B
Q3176
BC857B
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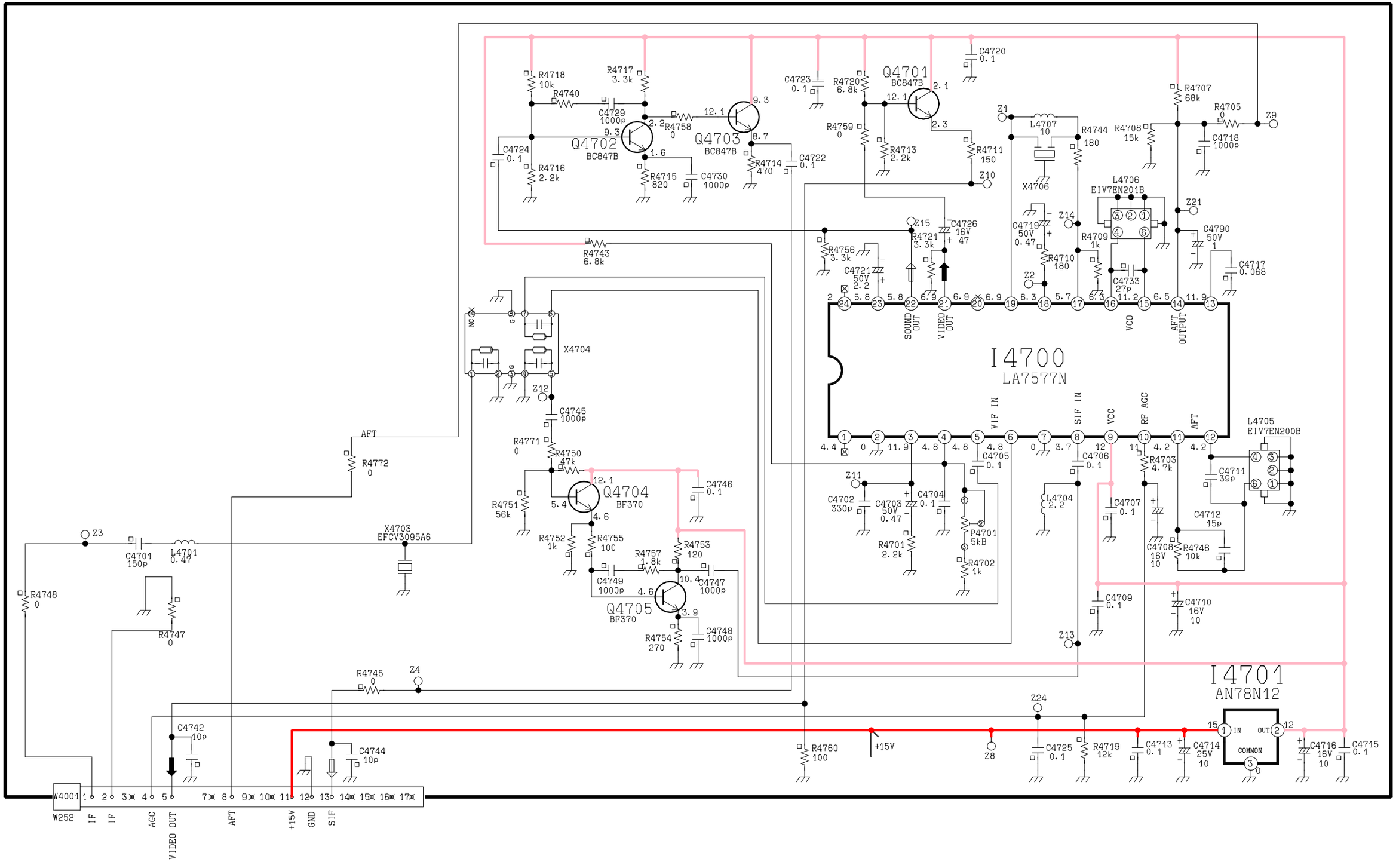
I4700
LA7577N
I4701
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Q4704
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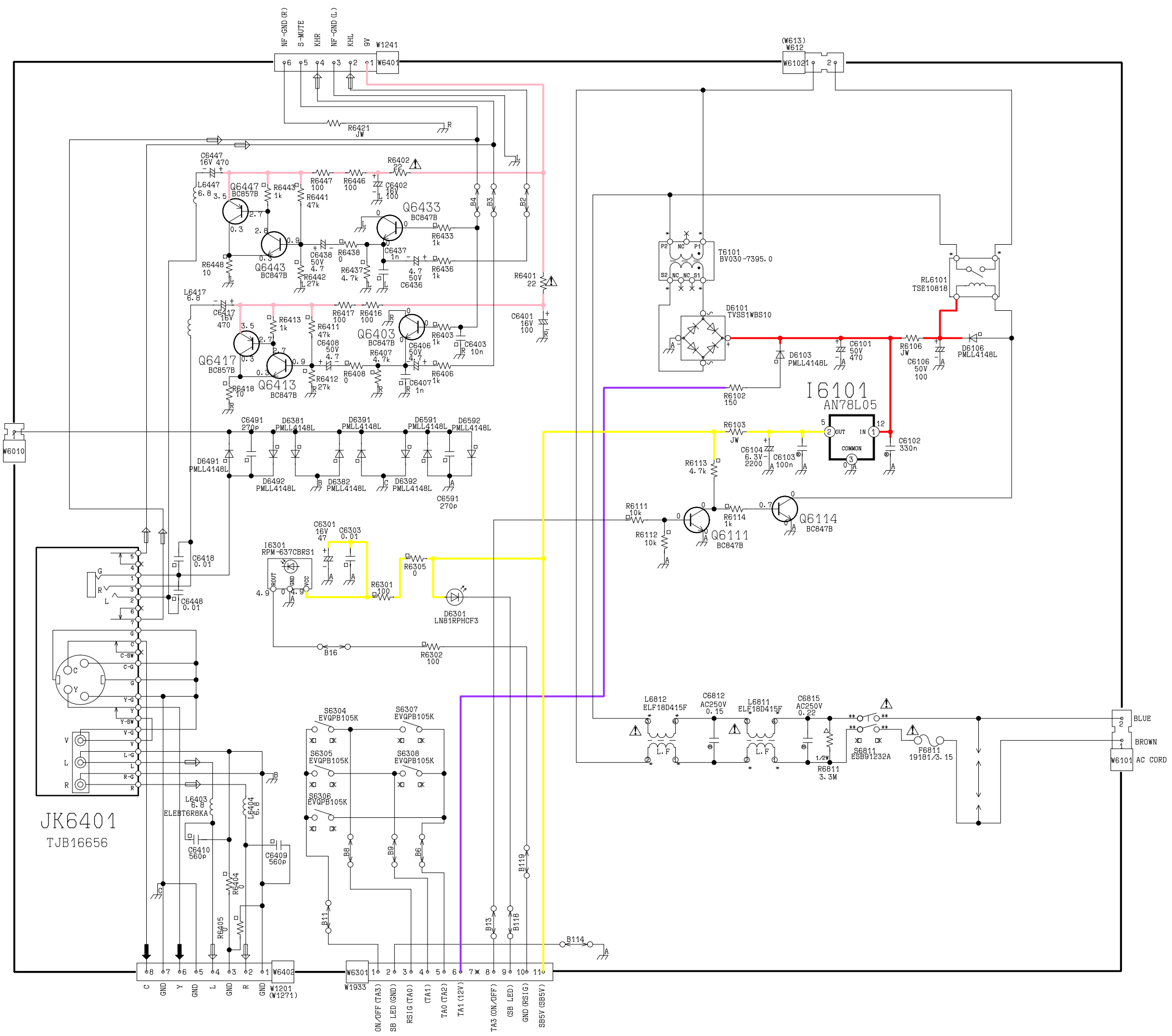
Q4705
BF370
X4703
EFCV3095A6
X4704
X4706
L4706
EIV7EN201B
L4705
EIV7EN200B
SOUND OUT
VIDEO OUT
VCO
AFT OUTPUT
VIF IN
SIF IN
VCC
RF AGC
AFT
W4001
W252
IF
IF
AGC
VIDEO OUT
AFT
+15V
GND
SIF
+15V
IN
OUT
COMMON
AFT


NF-GND (R)
S-MUTE
KHR
NF-GND (L)
KHL
9V
W1241
W6401
(W613)
W612
W6102
R6421
JW
R6402
22
C6447
16V 470
L6447
6.8
Q6447
BC857B
R6443
1k
R6441
47k
R6447
100
R6446
100
C6402
16V
100
Q6433
BC847B
R6433
1k
B4
B3
B2
R6438
0
C6438
50V
4.7
C6437
1n
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1k
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10
Q6443
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27k
R6437
4.7k
4.7
50V
C6436
R6401
22
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16V
100
L6417
6.8
C6417
16V
470
Q6417
BC857B
R6413
1k
R6411
47k
C6408
50V
4.7
R6417
100
R6416
100
Q6403
BC847B
R6403
1k
C6403
10n
C6406
50V
4.7
R6407
4.7k
R6412
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R6408
0
Q6413
BC847B
R6418
10
R6406
1k
C6407
1n
C6491
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D6391
PMLL4148L
D6591
PMLL4148L
D6592
PMLL4148L
D6491
PMLL4148L
D6492
PMLL4148L
D6382
PMLL4148L
D6392
PMLL4148L
C6591
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W6010
C6301
16V
47
C6303
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I6301
RPM-637CBRS1
R6301
100
R6305
0
D6301
LN81RPHCF3
B16
R6302
100
C6418
0.01
C6448
0.01
JK6401
TJB16656
S6304
EVQPB105K
S6307
EVQPB105K
S6305
EVQPB105K
S6308
EVQPB105K
S6306
EVQPB105K
L6403
6.8
ELEBT6R8KA
L6404
6.8
C6410
560p
C6409
560p
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R6405
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B8
B9
B6
B11
B119
B13
B118
B114
T6101
BV030-7395.0
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TVSS1WBS10
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50V
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150
I6101
AN78L05
OUT
IN
COMMON
R6103
JW
C6104
6.3V
2200
C6103
100n
C6102
330n
R6113
4.7k
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10k
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R6114
1k
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RL6101
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JW
C6106
50V
100
D6106
PMLL4148L
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ELF18D415F
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AC250V
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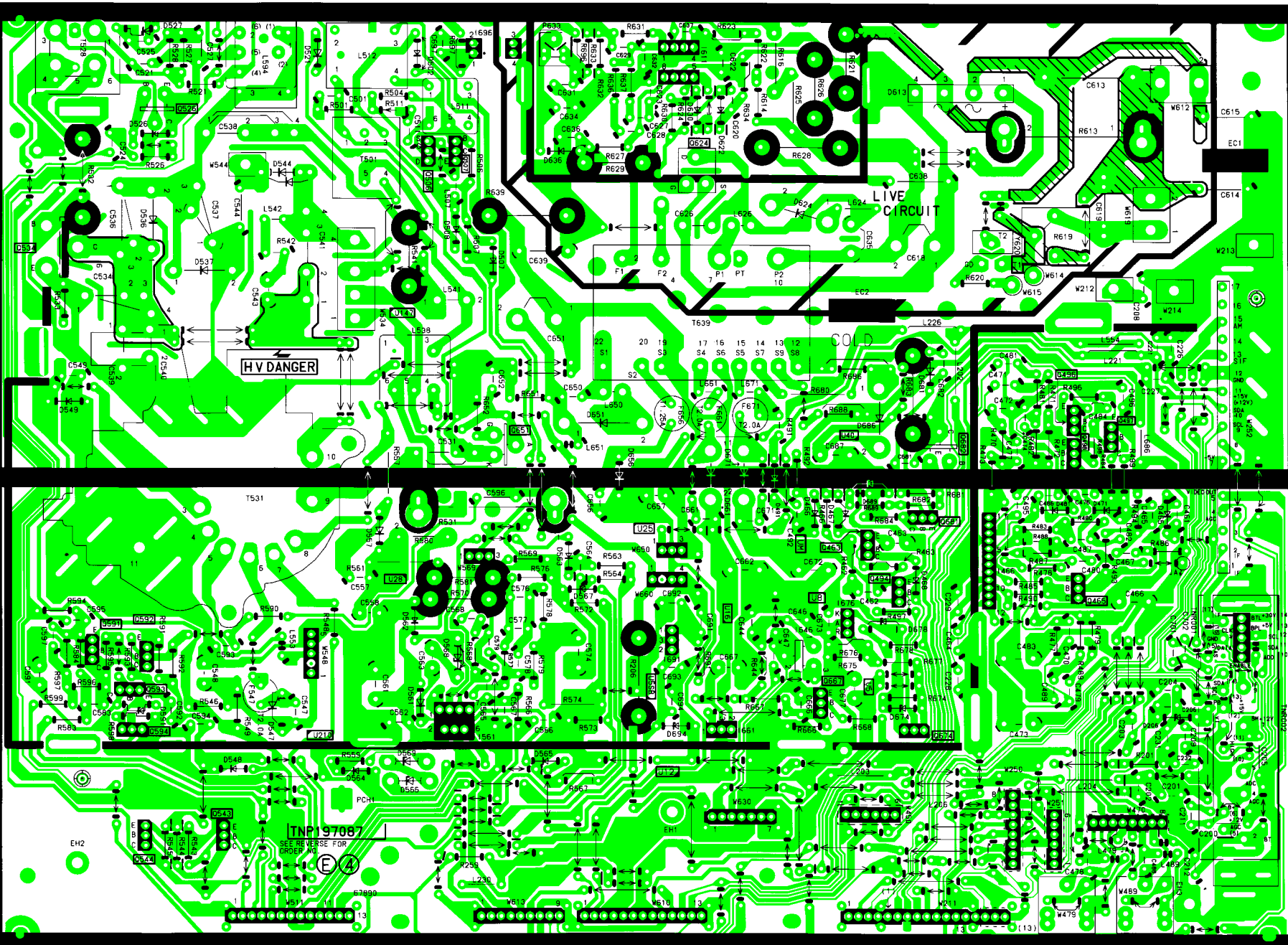
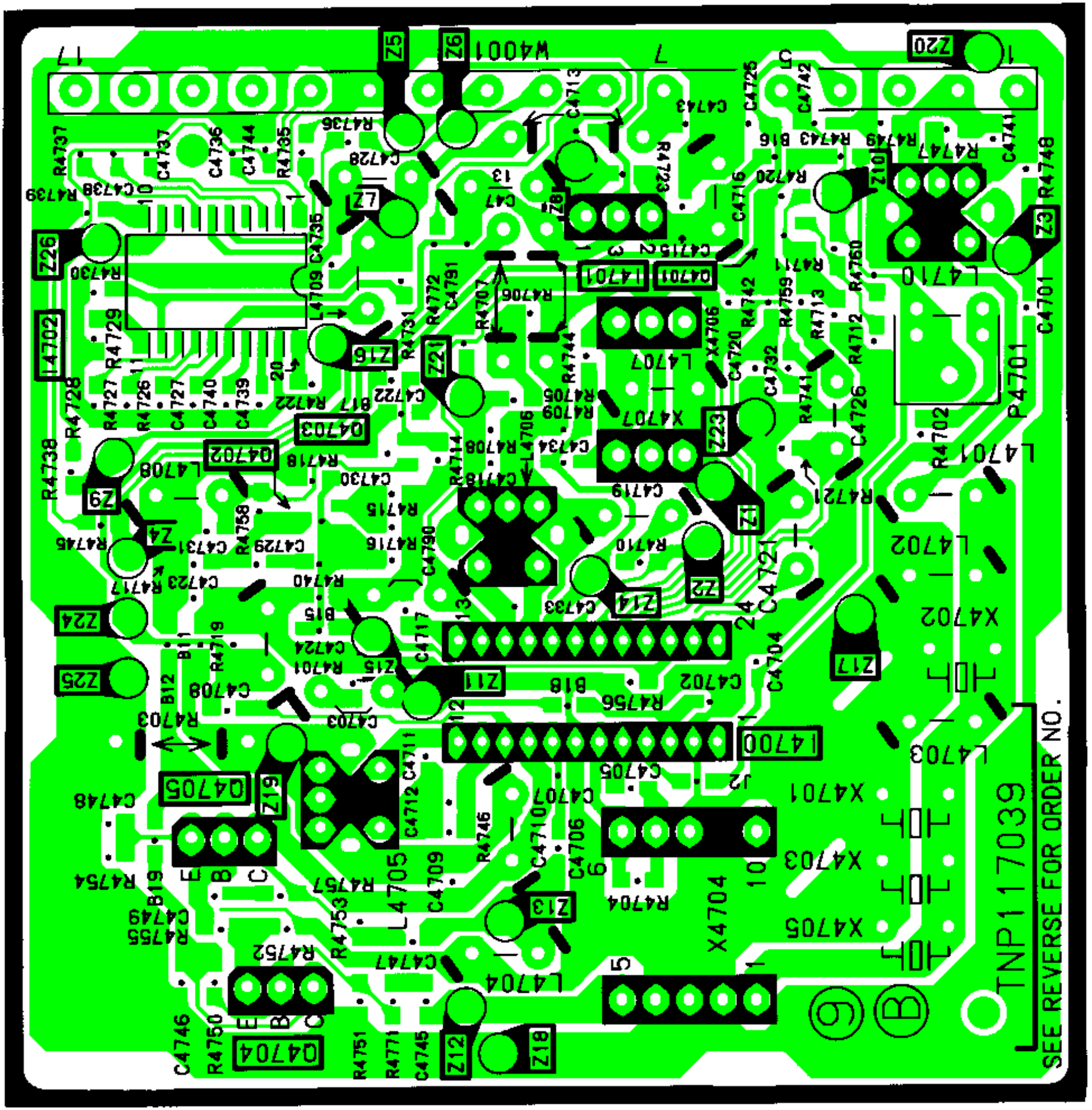
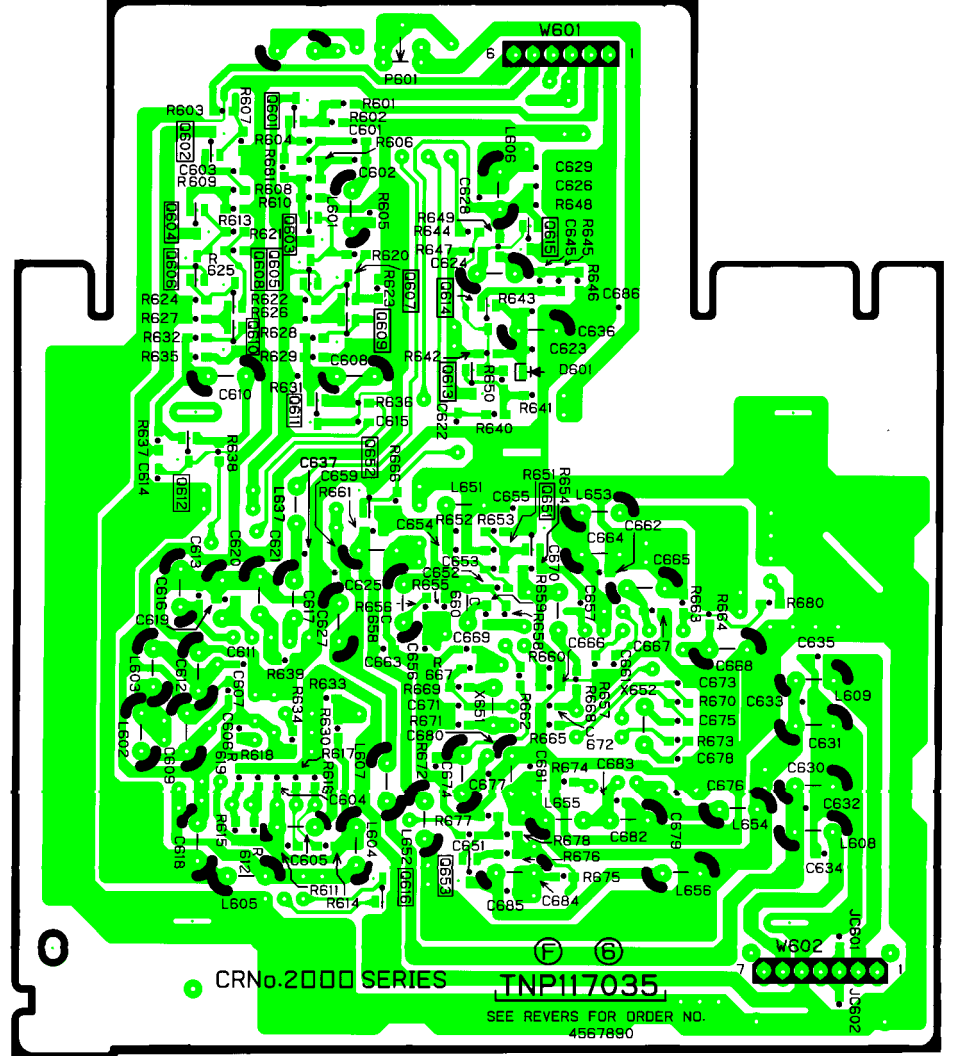
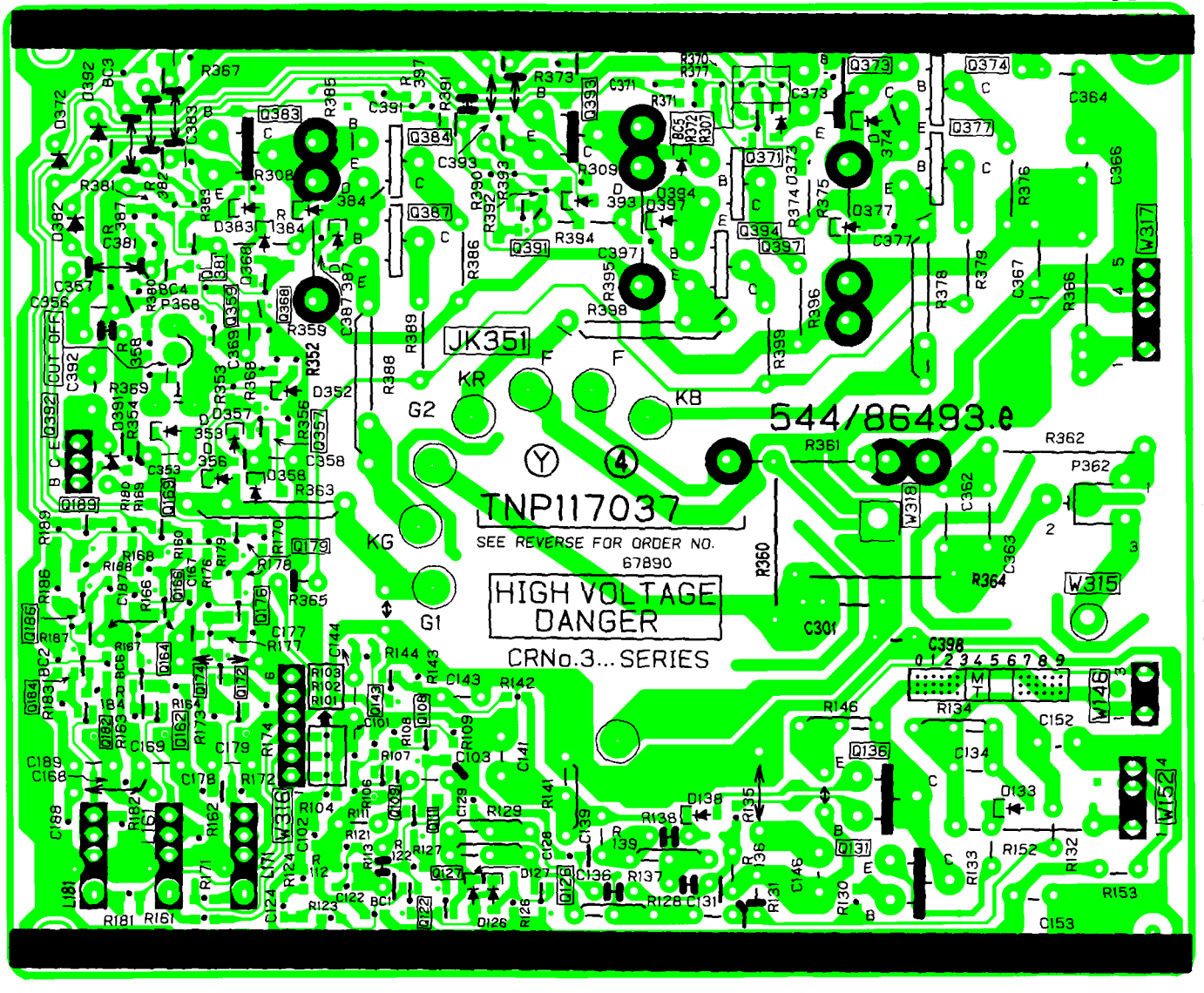
AC250V
0.22
L.F
L.F
R6811
3.3M
S6811
ESB91232A
F6811
19181/3.15
BLUE
BROWN
W6101 AC CORD
W6402
W1201
(W1271)
W6301
W1933
C
GND
Y
GND
L
GND
R
GND
ON/OFF (TA3)
SB LED (GND)
RSIG (TA0)
(TA1)
TA0 (TA2)
TA1 (12V)
TA3 (ON/OFF)
(SB LED)
GND (RSIG)
SB5V (SB5V)


LIVE
CIRCUIT
COLD
HV DANGER
TNP197087
SEE REVERSE FOR
ORDER NO.


TNP17039
SEE REVERSE FOR ORDER NO.


W601
P601
W602
CRNo.2000 SERIES
TNP117035
SEE REVERS FOR ORDER NO.
4567890


JK351
KR
KB
G2
KG
G1
544/86493.e
TNP117037
SEE REVERSE FOR ORDER NO.
67890
HIGH VOLTAGE
DANGER
CRNo.3...SERIES
CUT OFF
R367
R373
R377
R370
R371
C371
C373
C364
C366
C376
C377
C374
C375
C378
C379
C381
C382
C383
C384
C386
C387
C388
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C301
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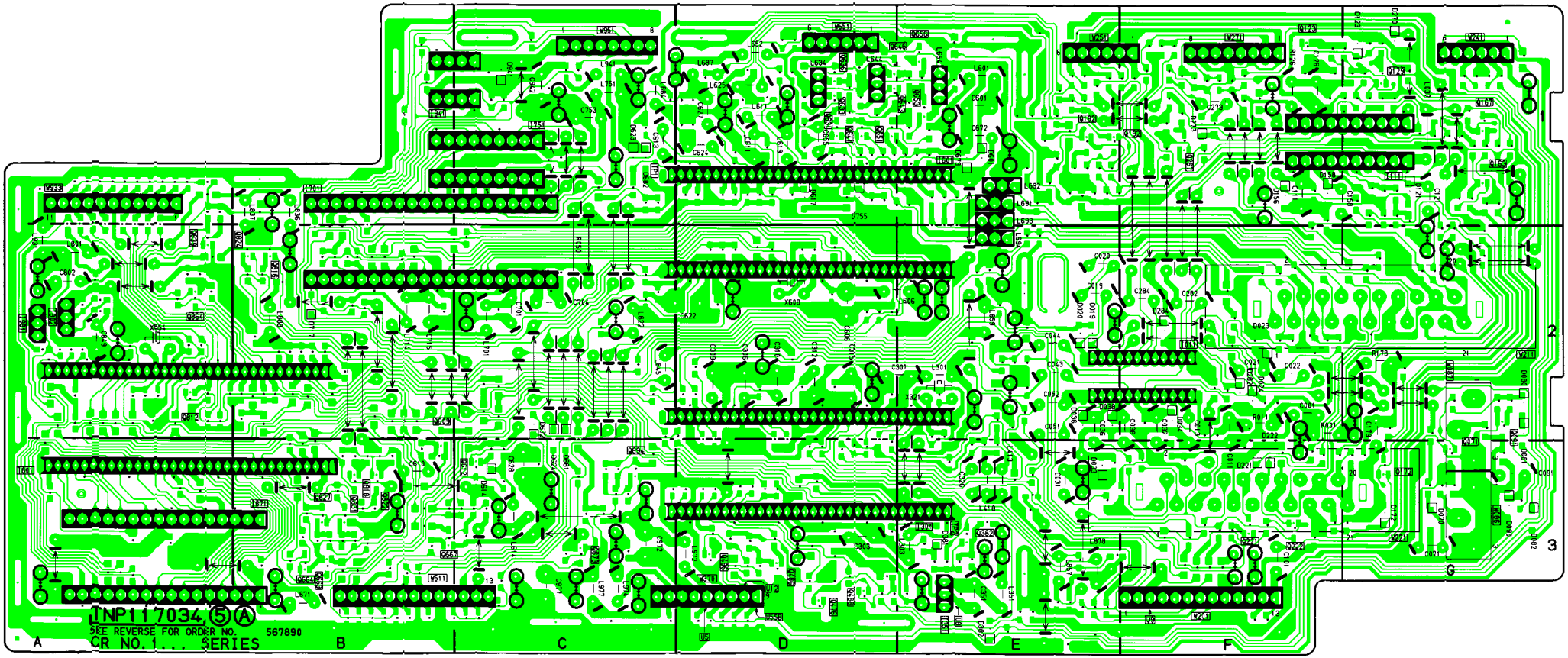
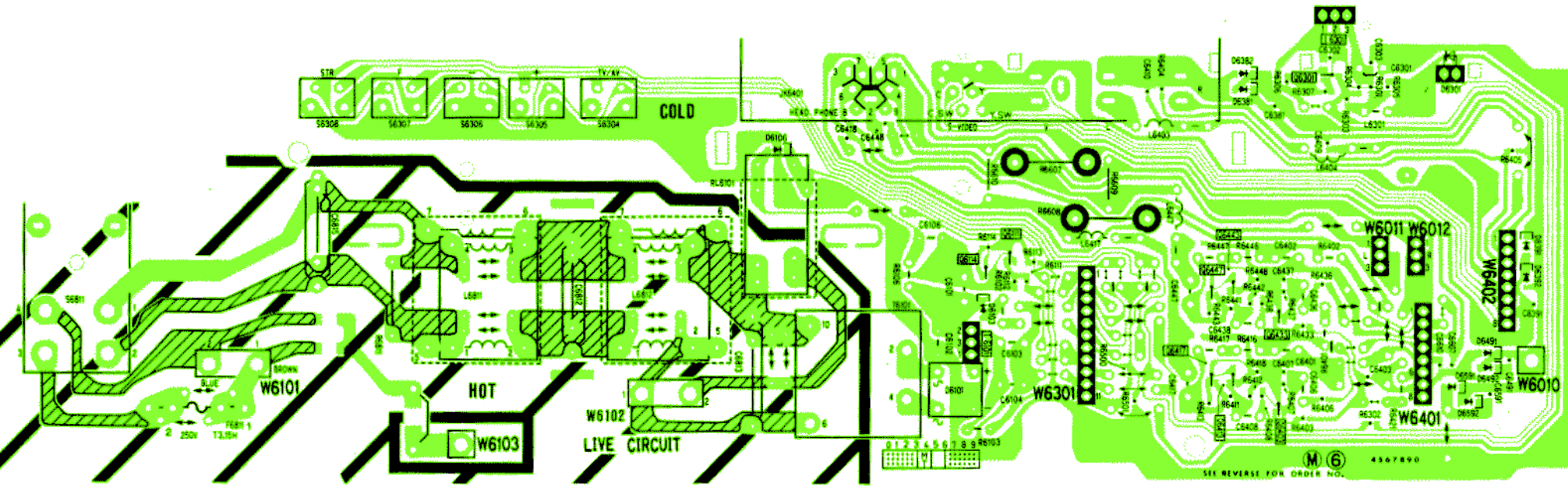
C413


TNP117034,⑤Ⓐ
SEE REVERSE FOR ORDER NO. 567890
CR NO.1... SERIES
A
B
C
D
E
F
G
2
3


COLD
HOT
LIVE CIRCUIT
W6101
W6102
W6103
W6301
W6401
W6010
W6011 W6012
W6402
BLUE
Brown
250V T3.15H
FEAR 1
S-VIDEO
SEE REVERSE FOR ORDER NO.